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# COMMERCIAL FERTILIZERS

By JOHN S. BURD

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**BULLETIN No. 232**  
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D. L. BUNNELL, Secretary to Director.

# COMMERCIAL FERTILIZERS

By JOHN S. BURD

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The present bulletin comprises the results of the fertilizer inspection work of the California Fertilizer Control for the fiscal year ending June 30, 1912.

## REGISTERED MANUFACTURERS AND DEALERS

The following manufacturers and dealers in commercial fertilizers have obtained certificates of registration under the provisions of the California Fertilizer law, for the fiscal year beginning July 1, 1912. A list is also given of the brands of fertilizers and fertilizer materials offered by them for sale. According to the sworn returns of dealers registered for the fiscal year ending June 30, 1911, their entire sales in the state amounted to 49,764 tons. Nearly complete returns for the year ending June 30, 1912, indicate sales of over 50,000 tons.

No dealer or manufacturer, except those who have certificates of registration from the University of California, and their authorized agents, can legally sell fertilizers in this state. No person or company has any right to use any registration number except in connection with the firm name to which the registration certificate of such number has been issued; and no person or company to whom a registration number has been assigned has any right to give any other person or company permission to use said registration number, and any number so used is a fraud. No agent has any right to use his principal's registration number in connection with his own name.

### Agricultural Chemical Works, Los Angeles, Cal.

Registration No. 8

Bat Guano.	Nursery
Blood.	Potato.
Bone Meal.	Prune and Peach.
Brands A, B, C, D, E, F, G, H,	Sulfate of Ammonia.
J, K, L, M, and N.	Sulfate of Potash.
Fish Guano.	Summer, A, B, and C.
Grape and Berry.	Superphosphate.
Gypsum.	Tankage.
Lawn and Rose.	Vegetable.
Muriate of Potash.	Walnut and Almond.
Nitrate of Soda.	

Special mixtures to order of consumers.

**American Agricultural Chemical Co., California Works, Los Angeles, Cal.**

Registration No. 1

Bradley's Acid Phosphate.	Bradley's Orange and Lemon.
Bradley's California Vegetable.	Bradley's Special Fruit and Vine.
Bradley's Fruit and Vine.	Bradley's Special Nursery Stock.
Bradley's Hay and Grain, No. 1.	Nitrate of Soda.
Bradley's Hay and Grain, No. 2.	Raw Mineral Phosphate Rock.
Bradley's Lawn.	Sulfate of Ammonia.
Bradley's Lemon Tree.	Sulfate of Potash.
Bradley's Nursery Stock.	Special brands to order.

**The Armour Fertilizer Works, Los Angeles, Cal.**

Registration No. 7

Bean Grower.	Olive Special.
Bone Meal.	Orange Tree Manure.
Bone, Blood and Potash.	Sheep Manure.
Cotton Seed Meal.	Special 2-17-10.
Deciduous Tree Special.	Special 2-12-18.
Dried Blood.	Special 5-8-2.
Flower and Fern Food.	Sulfate of Ammonia.
Fruit Special.	Sulfate of Potash.
Fruit and Vine.	Superphosphate.
Guano.	Tankage.
Lawn and Garden Fertilizer.	Vegetable Grower.
Lawn Special.	Walnut Special.
Nitrate of Soda.	

Special mixtures to order of consumers.

**California Fertilizer Works, Inc., San Francisco, Cal.**

Registration No. 3

Fruit and Vine.	Special Orange Tree, yellow leaves.
Fruit, Orange and Vine.	Peach.
High Grade Bone and Blood Superphosphates.	Special Fertilizer with Iron Sulfate.
Nursery Stock.	Special Fertilizer.
Odorless Lawn Dressing.	Special Fruit and Vine.
Orange Tree (B).	Special Orange and Lemon.
Special Bone and Blood Meal.	Special Nursery Stock.
Special Orange Tree.	Special Phosphate and Potash.
Special Orange (A).	Truck and Berry.

**Chapman Fertilizer Co., Los Angeles, Cal.**

Registration No. 57

Chapman's Fall Application.	Chapman's Spring Application.
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**Coronado Chemical Co., San Diego, Cal.**

Registration No. 65

Superphosphate "Cochecho" Brand.

**C. J. Duff, Glendale, Cal.**

Registration No. 58

Duff's Odorless Fertilizer, No. 1.	Duff's Odorless Fertilizer, No. 2.
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**General Fertilizer Association, Los Angeles, Cal.**

Registration No. 42

G. F. A. Orange and Lemon No. 1.	G. F. A. No. 9.
G. F. A. Special No. 2.	G. F. A. No. 10.
G. F. A. No. 3.	G. F. A. No. 11.
G. F. A. No. 4.	G. F. A. No. 15.
G. F. A. No. 5 Ex Brand.	G. F. A. Special.
G. F. A. No. 6.	Lindsay Special.
G. F. A. No. 8.	

**The Hauser Packing Co., Los Angeles, Cal.**

Registration No. 33

Concentrated Tankage.	Ground Sheep Manure.
Bone Meal.	Tankage.
Dried Blood.	Special mixtures to order.

**Hawaiian Fertilizer Co., Ltd., San Francisco, Cal.**

Registration No. 19

Blood.	Nursery Stock.
Double Manure Salts.	Orange and Lemon.
Fish Guano.	Sulfate of Potash.
Fruit and Vine.	Superphosphate.
Kainit.	Thomas Phosphate
Muriate of Potash.	Tankage.
Nitrate of Soda.	

Special mixtures to order of consumers.

**Simon Levy, Los Angeles, Cal.**

Registration No. 37

Sheep Manure

**Thomas Lewis, Sacramento, Cal.**

Registration No. 40

Tom Lewis Bone Meal.	Tom Lewis Star Brand Fertilizer.
Tom Lewis Fertilizer.	

**Los Angeles Fertilizer Co., Los Angeles, Cal.**

Registration No. 38

Three Queens Animal Bone and Potash.	Three Queens Garden and Lawn.
Three Queens Emerson's Olive Special.	Three Queens Hanson's Odorless.
Three Queens Emerson's Summer Special.	Three Queens L. A. Bone Meal.
Three Queens Emerson's Vegetable Special.	Three Queens Nitrate of Soda.
Three Queens Emerson's Walnut Special.	Three Queens Orangeaid.
Three Queens Fruit Grower.	Three Queens Special Fruitgrower.
Three Queens Fruitmore.	Three Queens Spring Special.
	Three Queens Sulfate of Potash.
	Three Queens Superphosphate.
	Three Queens Tankage.
	Three Queens T. and P.

Special mixtures to order of consumers.

**Morris & Co., Chicago, Ill.**

W. B. Burr, 307 Central Bldg., Los Angeles, Cal., Agent  
Registration No. 26

Ground High Grade Blood.	Pacific Big Six.
Pacific Big One.	Pacific Big Seven.
Pacific Big Two.	Pacific Big Eight.
Pacific Big Three.	Pacific Big Nine.
Pacific Big Four.	Pacific Big Ten.
Pacific Big Five.	Pacific Big Eleven.

Special mixtures to order of consumers.

**The Mountain Copper Co., San Francisco, Cal.**

Registration No. 28

Mococo Superphosphate 0-17-0.	Mococo 3-10-2.
Mococo Superphosphate 0-20-0.	Mococo 3-10-5.
Mococo 0-3-3.	Mococo 4-10-1½.
Mococo 0-12-8.	Mococo 4-10-4.
Mococo 0-14-9.	Mococo 5-10-4.
Mococo 1½-12-1½.	Nitrate of Soda.
Mococo 2½-10-8.	Sulfate of Potash.

Special mixtures to order of consumers.

**Nitrate Agencies Co., Los Angeles, Cal.**

Registration No. 45

Bone Meal.	Sulfate of Potash.
Nitrate of Soda.	Superphosphate.

**North American Mercantile Co., San Francisco, Cal.**

Registration No. 61

Domoto Fertilizer.	Rape Seed Meal.
Domoto Plant Food.	Soy Bean Meal.

**Oakland Meat and Packing Co., Stock Yards, Cal.**

Registration No. 24

Special Fertilizer.

**Pacific Bone, Coal and Fertilizing Co., San Francisco, Cal.**

Registration No. 14

Arborette Brand.	Merino Brand.
Bone Meal.	Muriate of Potash.
Ceres Brand	Nitrate of Soda.
Ceres Brand, No. 0.	Pomona Brand.
Ceres Brand, No. 1.	Pomona Brand, No. 1.
Ceres Brand, No. 2.	Pomona Brand, No. 2.
Citrona Brand, No. 1.	Pure Dissolved Bone Meal.
Citrona Brand, No. 2.	Sulfate of Potash.
Citrona Brand, No. 3.	Superphosphates.
"Flora" Brand.	Tankage.
Lupine Brand.	Thomas Phosphate Powder.
Lupine Brand, No. 2.	

Special mixtures to order of consumers.

**Pacific Coast Beef and Provision Co., Los Angeles, Cal.**

Registration No. 64

Bone Meal.	Tankage.
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**Pacific Guano and Fertilizer Co., San Francisco, Cal.**

Registration No. 4

Bat Guano.	(PP) Special Phosphate and Potash.
Raw Bone Meal.	(SS) Special Sugar Beet.
Steamed Bone Meal.	Sulfate of Ammonia.
Double Manure Salt.	Sulfate of Potash.
Dried Blood.	Supergyp.
(F) Fruit and Vine.	Superphosphate.
(H) Hops.	Basic Superphosphate.
(B) Lawn Dressing.	Tankage.
Muriate of Potash.	(GG) Grain Grower.
Nitrate of Soda.	(PNK) Phosphorus, Nitrogen and
(N) Nursery Stock.	Kalium.
(O) Orange.	(T) Truck.
Special 8-6-2.	

Special mixtures to order of consumers.

**Pacific Wood and Coal Co., San Diego, Cal.**

Registration No. 53

(BG) Complete.	Nitrate of Soda.
(BG) Lawn.	Sulfate of Potash.
(BG) Soil Regulator.	Superphosphate.
(BG) Tree Tonic.	

**Producers' Fertilizer Co., Los Angeles, Cal.**

Registration No. 56

Ground Sheep Manure.	Unground Sheep Manure.
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**Redlands Fertilizer Association, Redlands, Cal.**

Registration No. 49

Bone Meal.	Nitrate of Lime.
Fish Bone.	Sulfate of Potash.
Gypsum.	Superphosphate.
Nitrate of Soda.	Sheep Manure.

Special mixtures to order of consumers.

**Redlands Fruit Association, Redlands, Cal.**

Registration No. 34

Fish Bone Meal.	Royal Knight
Fish Scrap.	Royal Knight Summer Special.
Nitrate of Soda.	Sulfate of Potash.
Nitrate of Lime.	Tankage.

**Standard Rendering Co., Kansas City, Mo.**

Registration No. 44

Standard One.	Standard Four.
Standard Two.	Standard Concentrated.
Standard Three.	Standard Bone.

**Standard Supply Co., Los Angeles, Cal.**

Registration No. 60

Fish Guano.	Standard No. 3.
Standard No. 1.	Standard No. 4.
Standard No. 2.	Standard No. 6.

**Swift & Co., Chicago, Ill.**

Registration No. 5

Swift's Diamond "C" Fertilizer.	Swift's Diamond "M" Fertilizer.
Swift's Diamond "D" Fertilizer.	Swift's Ground Blood.
Swift's Diamond "E" Fertilizer.	Swift's Acidulated Bone Meal.
Swift's Diamond "K" Fertilizer.	Swift's Special Bone Meal.
Swift's Diamond "L" Fertilizer.	Swift's High Grade Tankage.

Special mixtures to order of consumers.

**Union Fertilizer Co., Los Angeles, Cal.**

Registration No. 9

Blood.	Special Fruiting.
Bone Meal.	Sulfate of Ammonia.
Fruiting Fertilizer.	Sulfate of Potash.
Bat Guano.	Superphosphate.
Bird Guano.	Tankage.
Nitrate of Soda.	Walnut.
Nursery or Spring Fertilizer.	

Special mixtures to order of consumers.

**Union Superphosphate Co., San Francisco, Cal.**

Registration No. 31

Superphosphate

**Western Meat Company, San Francisco, Cal.**

Registration No. 11

Gold Bear A.	Gold Bear H Pure Blood Meal.
Gold Bear B.	Gold Bear I.
Gold Bear C.	Gold Bear K.
Gold Bear D.	Gold Bear L.
Gold Bear E Tankage.	Gold Bear O.
Gold Bear F Raw Bone Meal.	Gold Bear R.
Gold Bear G.	

**Woodbridge Fertilizer Co., Los Angeles, Cal.**

Registration No. 22

Bone Meal.	Lawn.
Citrus A.	Lemon.
Nitrate of Soda.	Sulfate of Potash.
Muriate of Potash.	Tankage.
Orange.	

**SCOPE OF INSPECTION**

During the year 636 samples of fertilizers and fertilizing materials have been received at the laboratory. Of this number 40 were sent by farmers under the two-dollar fee provision, 208 were taken by inspectors from purchasers' goods upon the request of the purchasers, and 296 were taken by inspectors from goods in the hands of agents and manufacturers. On 29\* samples the analysis as reported was used as a basis of settlement by mutual agreement of buyer and seller. No guaranty was required or given with goods sold under such agreement. Sixty-three samples of a miscellaneous nature are omitted from the tables.

The following classification may be made of samples reported in this bulletin :

Complete Fertilizers .....	321
Bone Meal .....	57
Tankage .....	74
Superphosphate .....	35
Dried Blood .....	21
Nitrate of Soda .....	26
Nitrate of Lime .....	1
Sulfate of Potash .....	17
Bat Guano .....	10
Bird Guano Phosphate .....	1
Superphosphate and Potash .....	7
Thomas Phosphate Powder and Potash .....	1
Thomas Phosphate Powder .....	1
Sulfate of Ammonia .....	1

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573

#### DEFICIENCIES

In the analyses of the above samples, the following number of deficiencies greater than that allowed by law occurred :

Available Phosphoric Acid (total when available is not guaranteed) .....	30
Total Nitrogen .....	56
Potash .....	34
In valuation .....	36

These deficiencies were found in 115 samples.

The fertilizer law allows a deficiency of 0.25 per cent in nitrogen, 0.50 per cent in potash, and 1 per cent in available phosphoric acid.

#### FERTILIZER VALUATIONS

The calculations of the commercial values of the the fertilizers here reported are made on the so-called unit basis. Such calculations consist simply in multiplying the number of per cent of each ingredient by the price per unit and adding the products. The sum thus obtained is the commercial value per ton at the prices used. If it is desired to use such a calculation for determining the amount which should be paid for goods, or the rebate to which the buyer is entitled owing to the goods delivered being below the guaranty, it can only be satisfactorily done if a definite price per unit has been agreed upon between buyer and seller. But for the mere purpose of showing the relative

\* Besides these a considerable number of the remaining purchasers' analyses were doubtless used subsequently as a basis of settlement, but without being reported to this office.

values of goods to guaranties, it is not at all necessary that the prices adopted should be the exact market prices. Thus it is that the Fertilizer Control in attempting to show the relation between values found and values claimed, uses a schedule which is admittedly only an approximate average of market values. Owing to market fluctuations, differences in cost of delivery at different points, and other causes, the obtaining of true average market prices is an impossibility. But if the reader will bear in mind the true purpose of the valuations reported, these will have served their turn and he will not be led to assume that the Experiment Station is dictating the prices at which goods shall be sold.

#### SCHEDULE OF TRADE VALUES, 1912-1913

	Cents per pound.	Value per unit.
Nitrogen from blood .....	22.5	\$4.50
Nitrogen from tankage and bone .....	21.5	4.30
Nitrogen from ammonia sulfate .....	18.4	3.68
Nitrogen from nitrate of soda .....	15.4	3.08
Phosphoric Acid from tankage .....	3.6	0.72
Phosphoric Acid from bone .....	4.5	0.90
Phosphoric Acid from bone superphosphate .....	5.0	1.00
Available Phosphoric Acid from rock superphosphate .....	4.7	0.94
Phosphoric Acid from Thomas Phosphate Powder .....	4.2	0.84
Potash from Sulfate of Potash .....	5.7	1.14
Potash from Muriate of Potash .....	4.9	0.98

The base prices from which the above schedule is deduced are obtained as follows:

Blood and Tankage, Chicago market quotations and freight to Pacific Coast terminals.  
 Bone Meal, California manufacturers' estimates.  
 Sulfate of Ammonia, New York quotations and a differential freight rate based on Chicago production and delivery to California terminals.  
 Nitrate of Soda, California manufacturers' estimates and actual sales.  
 Potash Salts, New York quotations and differential freight rate (by sea) to California points.  
 Bone Superphosphate, local manufacturers' estimates.  
 Thomas Phosphate Powder, local manufacturers' estimates.  
 Rock Superphosphates, factory price, San Francisco Bay, and freight to Southern California points.

#### CAUTION TO FERTILIZER CONSUMERS

It cannot be too frequently pointed out that the commercial value and the agricultural value of fertilizers is in no way related. The choice of the kind of plant food to be purchased should be based on a knowledge of the needs of the particular crop and soil to be treated. Only after this is decided should the cost of the fertilizer be considered, when the particular kind of fertilizer supplying the ingredient desired should be selected according to its agricultural availability and cost.

The elimination from the schedule of estimates of the commercial value of insoluble phosphoric acid and of fine and medium bone and tankage make it necessary that consumers pay particular attention in

the analytic reports to the figures for availability and fineness. Heretofore the use of such valuations has reflected the inferiority of goods of low availability and fineness in the calculated value per ton. This is not the case under the present schedule, hence the importance of buying and insisting on receiving goods of high availability and degree of fineness.

#### REPORT OF ANALYSES

Available phosphoric acid is not determined in bone meal, tankage, and Thomas phosphate powder, unless requested. The fineness of these materials is determined, fine and medium bone being separated by a sieve of 50 meshes to the inch; tankage by a 25-mesh sieve; and Thomas phosphate powder by a 100-mesh sieve.

Nitrogen in ammonia salts will, in some cases, be found reported when notrogen in this form is not guaranteed. In some of such cases this form of nitrogen is produced by conversion of organic nitrogen during process of manufacture, and is not to be considered a deviation from guaranty of materials used. Guanos carry more or less nitrogen in nitrates and ammonia salts, and when any appreciable quantity of guano is used the manufacturer should take into account the fact that some nitrogen will show as nitrates and ammonia salts. The failure to take this into consideration may perhaps account for the appearance of these forms of nitrogen in some samples in which only organic nitrogen was guaranteed.

The percentage of chlorin is given when it exceeds 0.50 per cent. It is a matter of only technical interest whether chlorin present is from muriate of potash, kainit, or from common salt that may be in some of the materials used. If a manufacturer uses sulfate of potash and uses a tankage with it containing a large amount of chlorin, from a practical standpoint he has lowered the grade of his fertilizer just as much as if he had used muriate of potash instead of sulfate of potash. Chlorin from all other sources is as objectionable as from muriate of potash. However, if muriate of potash is found when sulfate is guaranteed, the fact will be published.

The following abbreviations are used in the tables: Bl = blood, Bn = bone, Fs = fish, G = guano, Super = superphosphates, T = tankage, H = hoof, Min. Phos. = mineral phosphate, CSM = cotton seed meal, T. P. P. = Thomas phosphate powder, Sm = Sheep manure.

Guarantees are entered in *italics*. Deficiencies greater than allowed by law are entered in bold type.

## ANALYSES AND VALUATIONS.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Agricultural Chemical Works, Los Angeles, Cal.				
3624	"A"	.....	E. A. Moore, Redlands.....	\$26.30
3632	"A"	.....	G. A. Herdeg, Riverside.....	26.48
3988	"A"	.....	T. R. Woodbridge, Upland.....	26.51
	Guaranteed.....			26.18
3841	"B"	.....	J. M. Webster, Upland.....	31.57
	Guaranteed.....			29.60
3796	Bat Guano.....		So. Cal. N. & F. Co., Santa Barbara.....	<b>24.44</b>
	Guaranteed.....			27.78
3839*	Bat Guano.....		J. M. Webster, Upland.....	*45.16
	Guaranteed.....			50.54
3626	Blood .....		E. A. Moore, Redlands.....	62.63
	Guaranteed.....			63.72
3838	Blood .....		J. M. Webster, Upland.....	64.99
3989	Blood .....		T. R. Woodbridge, Upland.....	65.37
	Guaranteed.....			63.24
3625	"C"	.....	E. A. Moore, Redlands.....	31.94
3630	"C"	.....	G. A. Herdeg, Riverside.....	32.28
3698	"C"	.....	Mrs. J. A. Maddock, Duarte.....	32.48
3987	"C"	.....	T. R. Woodbridge, Upland.....	33.99
4013	"C"	.....	P. F. McManns, Lankershim.....	33.48
4160	"C"	.....	Mrs. J. A. Maddock, Duarte.....	35.58
	Guaranteed.....			32.42
3694	"F"	.....	Gowen & Willard, Santa Ana.....	25.23
3785	"F"	.....	H. C. Harding, San Fernando.....	24.36
	Guaranteed.....			24.52
3621	"K"	.....	E. A. Moore, Redlands.....	25.97
3693	"K"	.....	Gowen & Willard, Santa Ana.....	28.56
4208	"K"	.....	John E. Scott, Upland.....	26.39
	Guaranteed.....			27.04
3840	"L"	.....	J. M. Webster, Upland.....	28.58
	Guaranteed.....			27.64
3971*	Lawn .....		Morris & Snow S. Co., Los Angeles.....	24.76
	Guaranteed.....			23.85
4031	N .....		Dr. R. Ludden, Colton.....	34.86
	Guaranteed.....			33.28
3696	Nitrate of Soda.....		Gowen & Willard, Santa Ana.....	42.84
	Guaranteed.....			42.30

\*3839—Discrepancy in valuation due to inadequacy of guaranty.

\*3971—Potash guaranteed as muriate.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3624	3.86	3.14	7.00	.....	1.95	.....	2.28	.....	4.23	2.98	2.98	.....
3632	5.27	2.58	7.85	.....	1.10	.....	2.57	.....	<b>3.67</b>	3.34	3.34	.....
3988	5.60	3.10	8.70	.....	2.02	.....	1.91	.....	3.93	2.99	2.99	.....
.....	5.00	3.00	8.00	<i>Super</i>	2.00	.....	2.00	<i>Bat G,</i>	4.00	3.00	3.00	.....
				<i>Bn, T</i>				<i>Bl, Bn</i>				
3841	4.82	2.88	7.70	.....	2.63	.....	3.00	.....	5.63	2.44	2.44	.....
.....	4.00	4.00	8.00	<i>Super,</i>	2.00	.....	3.00	<i>Bat G,</i>	5.00	2.00	2.00	.....
				<i>Bn, T</i>				<i>Bl, Bn</i>				
3796	.....	.....	4.20	.....	0.85	0.35	3.40	.....	<b>4.60</b>	.....	<b>1.12</b>	.....
.....	.....	.....	3.00	.....	.....	.....	5.00	.....	5.00	.....	2.00	.....
3839	.....	.....	3.25	.....	2.25	1.02	6.67	.....	9.94	.....	2.01	.....
.....	.....	.....	3.50	.....	.....	.....	10.00	.....	10.00	.....	2.00	.....
3626	.....	.....	.....	.....	.....	.....	13.27	.....	13.27	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	13.50	.....	13.50	.....	.....	.....
3838	.....	.....	.....	.....	.....	.....	13.77	.....	13.77	.....	.....	.....
3989	.....	.....	.....	.....	.....	.....	13.85	.....	13.85	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	13.40	.....	13.40	.....	.....	.....
3625	6.56	2.34	8.90	.....	3.38	.....	2.40	.....	5.78	2.25	2.25	.....
3630	4.86	3.64	8.50	.....	3.16	0.10	2.57	.....	5.83	2.45	2.45	0.80
3698	5.03	2.92	7.95	.....	2.84	.....	2.94	.....	5.78	2.73	2.73	0.88
3987	5.53	3.92	9.45	.....	2.99	.....	2.91	.....	5.90	2.50	2.50	.....
4013	4.64	4.06	8.70	.....	2.92	.....	3.00	.....	5.92	2.52	2.52	.....
4160	5.18	3.62	8.80	.....	2.53	0.15	3.56	.....	6.24	2.53	2.53	.....
.....	4.00	4.00	8.00	<i>Super,</i>	3.00	.....	3.00	<i>Bat G,</i>	6.00	2.00	2.00	.....
				<i>Bn, T</i>				<i>Bl, Bn</i>				
3694	5.04	2.56	7.60	.....	0.83	.....	2.30	.....	3.13	4.21	4.21	.....
3785	5.49	3.26	8.75	.....	1.22	.....	1.68	.....	2.90	3.96	3.96	0.60
.....	6.00	2.00	8.00	<i>Super, T</i>	1.00	.....	2.00	<i>Bat G,</i>	3.00	4.00	4.00	.....
								<i>Bl, Bn</i>				
3621	6.85	2.95	9.80	.....	2.60	0.13	1.17	.....	3.90	2.67	2.67	.....
3693	5.59	4.16	9.75	.....	1.00	.....	2.93	.....	3.93	.....	2.31	1.45
4208	5.84	3.16	9.00	.....	1.88	.....	2.07	.....	3.95	2.33	2.33	.....
.....	6.00	4.00	10.00	<i>Super, Bn,</i>	2.00	.....	2.00	<i>Bat G,</i>	4.00	2.00	2.00	.....
				<i>Bn, T</i>				<i>Bl, Bn</i>				
3840	6.88	3.72	10.60	.....	0.90	.....	2.10	.....	3.00	5.14	5.14	.....
.....	5.00	5.00	10.00	<i>Super,</i>	1.00	.....	2.00	<i>Bat G,</i>	3.00	5.00	5.00	.....
				<i>Bn, T</i>				<i>Bl, Bn</i>				
3971	6.76	4.74	11.50	.....	.....	.....	2.40	.....	2.40	.....	2.37	.....
.....	5.00	5.00	10.00	<i>Super, T</i>	.....	.....	2.50	<i>Bl, Bn</i>	2.50	.....	2.50	.....
4031	6.41	3.74	10.15	.....	2.37	.....	2.70	.....	5.07	5.02	5.02	.....
.....	5.00	5.00	10.00	<i>Super,</i>	3.00	.....	2.00	<i>Bat G,</i>	5.00	5.00	5.00	.....
				<i>Bn, T</i>				<i>Bl, Bn</i>				
3696	.....	.....	.....	.....	15.19	.....	.....	.....	15.19	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Agricultural Chemical Works— <i>Continued.</i>				
4207	R .....	John E. Scott, Upland.....	30.49	
	<i>Guaranteed</i> .....		29.60	
3629	Special .....	G. A. Herdeg, Riverside.....	35.13	
	<i>Guaranteed</i> .....		35.02	
3741	Special .....	C. D. Hamilton, Banning.....	29.21	
	<i>Guaranteed</i> .....		26.47	
3990	Special .....	C. J. Walton, Upland.....	33.64	
	<i>Guaranteed</i> .....		32.42	
4036	Special .....	H. L. Hostetler, Covina.....	43.78	
	<i>Guaranteed</i> .....		44.37	
4169	Special .....	William Bowring, Charter Oak.....	40.22	
	<i>Guaranteed</i> .....		39.18	
3635	Sulfate of Ammonia.....	G. A. Herteg, Riverside.....	73.21	
	<i>Guaranteed</i> .....		73.39	
3837	Sulfate of Potash.....	J. M. Webster, Upland.....	56.59	
	<i>Guaranteed</i> .....		54.76	
3811	Summer A .....	C. J. Walton, Upland.....	27.79	
	<i>Guaranteed</i> .....		25.54	
3622	Summer B .....	E. A. Moore, Redlands.....	25.87	
3826	Summer B .....	G. A. Andreas, Upland.....	27.49	
	<i>Guaranteed</i> .....		26.24	
3627	Summer C .....	E. A. Moore, Redlands.....	32.42	
	<i>Guaranteed</i> .....		31.88	
3633	Superphosphate .....	G. A. Herdeg, Riverside.....	20.77	
	<i>Guaranteed</i> .....		20.41	
3634	Superphosphate .....	G. A. Herdeg, Riverside.....	16.32	
	<i>Guaranteed</i> .....		16.45	
3739	Superphosphate .....	H. D. Derwin, Upland.....		
	<i>Sold on Station Analysis.</i>			
3842*	Tankage .....	J. M. Webster, Upland.....	33.71	
	<i>Guaranteed</i> .....		34.66	
3695	Walnut .....	Gowen & Willard, Santa Ana.....	24.62	
	<i>Guaranteed</i> .....		24.50	

\*3842—80% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4207	5.39	3.16	8.55	.....	2.02	.....	2.93	.....	4.95	2.45	2.45	0.60
.....	4.00	4.00	8.00	Super, Bn, T	2.00	.....	3.00	Bat G, Bl, Bn	5.00	2.00	2.00	.....
3629	6.36	3.14	9.50	.....	2.45	.....	2.80	.....	5.25	5.22	5.22	0.60
.....	6.00	4.00	10.00	Super, Bn, T	2.00	.....	3.00	Bat G, Bl, Bn	5.00	5.00	5.00	.....
3741	8.01	1.94	9.95	.....	2.35	.....	2.35	.....	4.70	1.68	1.68	.....
.....	9.00	1.00	10.00	Super, Bn	2.00	.....	2.00	Bat G, Bl, Bn	4.00	1.50	1.50	.....
3990	5.35	3.70	9.05	.....	2.97	.....	2.95	.....	5.92	2.43	2.43	.....
.....	4.00	4.00	8.00	Super, Bn, T	3.00	.....	3.00	Bat G, Bl, Bn	6.00	2.00	2.00	.....
4036	8.70	3.80	12.50	.....	1.54	.....	5.91	.....	7.45	.....	.....	.....
.....	4.00	6.50	10.50	Super, Bn, T	1.50	.....	6.50	Bat G, Bl, Bn	8.00	.....	.....	.....
4169	10.42	0.38	10.80	.....	1.53	.....	5.73	.....	7.26	.....	.....	.....
.....	10.50	.....	.....	Super, Bn, T	1.50	.....	5.50	Bat G, Bl, Bn	7.00	.....	.....	.....
3635	.....	.....	.....	.....	.....	20.45	.....	.....	20.45	.....	.....	.....
.....	.....	.....	.....	.....	.....	20.50	.....	.....	20.50	.....	.....	.....
3837	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.64	49.64	1.46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.00	48.00	.....
3811	8.62	5.48	14.10	.....	.....	.....	1.73	.....	1.73	5.10	5.10	.....
.....	7.00	6.00	13.00	Super, Bn, T	.....	.....	1.50	Bat G, Bl, Bn	1.50	5.00	5.00	.....
3622	3.61	3.29	6.90	.....	.....	.....	2.17	.....	2.17	7.96	7.96	0.62
3826	6.07	3.78	9.85	.....	.....	.....	1.90	.....	1.90	7.88	7.88	0.60
.....	5.00	3.00	8.00	Super, Bn, T	.....	.....	2.00	Bat G, Bl, Bn	2.00	8.00	8.00	.....
3627	4.16	3.04	7.20	.....	2.08	.....	2.25	.....	4.33	7.98	7.98	1.00
.....	5.00	3.00	8.00	Super, Bn, T	2.00	.....	2.00	Bat G, Bl, Bn	4.00	8.00	8.00	.....
3633	22.10	0.50	22.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	21.71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3634	17.36	0.24	17.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3739	17.66	0.34	18.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
3842	.....	.....	12.25	.....	.....	.....	5.35	.....	5.35	.....	.....	.....
.....	.....	.....	13.50	Bn	.....	.....	5.35	Bl, Bn	5.35	.....	.....	.....
3695	5.36	2.44	7.80	.....	0.66	.....	2.10	.....	2.76	4.72	4.72	.....
.....	6.00	2.00	8.00	Super, Bn, T	1.00	.....	2.00	Bat G, Bl, Bn	3.00	4.00	4.00	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
American Agricultural Chemical Co., Los Angeles, Cal.				
3905	Acid Phosphate .....	L. V. W. Brown, Riverside.....	17.29	
	Guaranteed.....		15.04	
3828	Bradley's California Vegetable.....	F. E. Dudderar, Covina.....	26.90	
3874	Bradley's California Vegetable.....	Pacific Wood & Coal Co., San Diego.....	26.51	
3972	Bradley's California Vegetable.....	Morris & Snow S. Co., Los Angeles.....	26.20	
	Guaranteed.....		24.72	
3873	Bradley's Fruit and Vine.....	Pacific Wood and Coal Co., San Diego....	24.41	
	Guaranteed.....		23.28	
3617	Bradley's Lawn .....	E. M. Cope Commercial Co., Redlands...	26.74	
3678	Bradley's Lawn .....	L. M. Jacobs, Pasadena.....	26.94	
3882	Bradley's Lawn .....	Pacific Wood & Coal Co., San Diego.....	26.28	
	Guaranteed.....		25.58	
3871	Bradley's Lemon Tree.....	Pacific Wood & Coal Co., San Diego.....	26.47	
4016	Bradley's Lemon Tree.....	Escondido Citrus Union, Escondido.....	27.27	
	Guaranteed.....		25.58	
3618	Bradley's Nursery Stock.....	E. M. Cope Commercial Co., Redlands...	26.74	
3720	Bradley's Nursery Stock.....	S. H. Barrett, East Highlands.....	27.10	
3770	Bradley's Nursery Stock.....	W. L. Hale, Fullerton.....	27.12	
3797	Bradley's Nursery Stock.....	Johnston Fruit Co., Santa Barbara.....	26.90	
3823	Bradley's Nursery Stock.....	Hemet Orange Growers' Assn., Hemet....	29.39	
3906	Bradley's Nursery Stock.....	L. V. W. Brown, Riverside.....	27.20	
3946	Bradley's Nursery Stock.....	N. L. Chapin, Rialto.....	25.86	
4025	Bradley's Nursery Stock.....	Mtn. View O. & L. Assn., Upland.....	27.19	
4080	Bradley's Nursery Stock.....	W. H. Grant, Porterville.....	25.77	
4110	Bradley's Nursery Stock.....	Lindsay Citrus Assn., Lindsay.....	28.29	
4127	Bradley's Nursery Stock.....	Paul I. Midler, Fair Oaks.....	25.80	
4156	Bradley's Nursery Stock.....	Eben Boalt, Palermo.....	26.60	
	Guaranteed.....		25.57	
3616	Bradleys' Orange and Lemon.....	E. M. Cope Commercial Co., Redlands...	26.08	
3732	Bradley's Orange and Lemon.....	J. F. Munro, Upland.....	27.26	
	Guaranteed.....		24.78	
3872	Bradley's Orange and Lemon.....	Pacific Wood & Coal Co., San Diego.....	26.87	
	Guaranteed.....		25.41	
3801	Bradely's Special Fruit and Vine....	N. W. Blanchard, Santa Paula.....	31.82	
	Guaranteed.....		30.62	
3771	Nitrate of Soda.....	W. L. Hale, Fullerton.....	44.84	
	Guaranteed.....		44.61	

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3905	18.40	0.80	19.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	16.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3828	8.55	1.10	9.65	.....	2.08	0.65	1.00	.....	3.73	3.96	3.96	.....
3874	8.25	1.10	9.35	.....	2.14	0.65	0.91	.....	3.70	4.08	4.08	.....
3972	8.43	1.02	9.45	.....	2.04	0.61	0.95	.....	3.60	3.94	3.94	.....
.....	8.00	1.00	9.00	Super, Bn	1.90	0.60	0.80	Bat G, Bl Bn, T	3.30	4.00	4.00	.....
3873	7.61	0.64	8.25	.....	2.05	0.48	0.72	.....	3.25	4.72	4.72	.....
.....	7.00	1.00	8.00	Super, Bn	1.75	0.60	0.55	Bat G, Bl Bn, T	2.90	5.00	5.00	.....
3617	9.65	0.85	10.50	.....	2.77	0.78	0.86	.....	4.41	1.51	1.51	.....
3678	9.70	0.80	10.50	.....	2.53	0.78	1.00	.....	4.31	1.71	1.71	.....
3882	8.98	0.82	9.80	.....	2.26	0.70	1.19	.....	4.15	1.92	1.92	.....
.....	9.00	1.00	10.00	Super, Bn	2.35	0.75	1.00	Bat G, Bl, Bn, T	4.10	1.50	1.50	.....
3871	9.11	1.04	10.15	.....	2.37	0.72	1.09	.....	4.18	1.85	1.85	.....
4016	9.58	0.92	10.50	.....	2.73	0.85	0.90	.....	4.48	1.70	1.70	.....
.....	9.00	1.00	10.00	Super, Bn	2.35	0.75	1.00	Bat G, Bl, Bn, T	4.10	1.50	1.50	.....
3618	9.72	1.08	10.80	.....	2.62	0.81	0.87	.....	4.30	1.48	1.48	.....
3720	9.64	0.96	10.60	.....	2.65	0.80	0.94	.....	4.39	1.65	1.65	.....
3770	9.39	1.16	10.55	.....	2.60	0.80	0.98	.....	4.38	1.69	1.69	.....
3797	9.50	0.90	10.40	.....	2.80	0.75	0.85	.....	4.40	1.80	1.80	.....
3823	10.63	1.52	12.15	.....	2.69	0.88	1.00	.....	4.57	1.71	1.71	.....
3906	8.90	1.60	10.50	.....	2.33	0.73	1.20	.....	4.26	1.80	1.80	.....
3946	8.91	1.64	10.55	.....	2.44	0.66	0.90	.....	4.00	1.73	1.73	.....
4025	9.69	1.66	11.35	.....	2.41	0.72	0.98	.....	4.11	1.75	1.75	.....
4080	8.80	1.60	10.40	.....	2.35	0.80	0.85	.....	4.00	1.76	1.76	.....
4110	10.02	0.78	10.80	.....	2.89	0.78	1.00	.....	4.67	1.76	1.76	.....
4127	9.10	1.00	10.10	.....	2.50	0.65	1.00	.....	4.15	1.55	1.55	.....
4156	8.80	0.90	9.70	.....	2.48	0.72	1.10	.....	4.30	2.04	2.04	.....
.....	9.00	1.00	10.00	Super, Bn	2.35	0.75	1.00	Bat G, Bl, Bn, T	4.10	1.50	1.50	.....
3616	8.82	0.88	9.70	.....	2.47	0.76	0.80	.....	4.03	2.67	2.67	.....
3732	8.75	0.70	9.45	.....	2.37	0.67	1.02	.....	4.06	3.58	3.58	.....
.....	8.00	1.00	9.00	Super, Bn	2.20	0.70	0.80	Bat G, Bl, Bn, T	3.70	3.00	3.00	.....
3872	8.93	1.62	10.55	.....	2.05	0.92	0.76	.....	3.73	3.33	3.33	.....
.....	8.00	1.00	9.00	Super, Bn	2.00	0.40	1.30	Bat G, Bl, Bn, T	3.70	3.00	3.00	.....
3801	7.53	0.82	8.35	.....	2.31	0.65	0.90	.....	3.86	9.24	9.24	0.65
.....	7.00	1.00	8.00	Super, Bn	2.50	0.40	0.60	Bat G, Bl Bn	3.50	10.00	10.00	.....
3771	.....	.....	.....	.....	15.90	.....	.....	.....	15.90	.....	.....	.....
.....	.....	.....	.....	.....	15.82	.....	.....	.....	15.82	.....	.....	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Armour Fertilizer Works, Los Angeles, Cal.				
4161*	Bat Guano .....	W. S. Corwin, Highland.....	*41.46	
	Guaranteed.....		44.72	
3681	Blood .....	N. H. Garrison, Ontario.....	63.25	
	Guaranteed.....		61.36	
4181	Blood .....	Azusa Foothills Citrus Assn., Azusa.....		
	Sold on Station Analysis.			
3680	Bone, Blood and Potash.....	N. H. Garrison, Ontario.....	31.90	
3730	Bone, Blood and Potash.....	Kenneth Carter, Monrovia.....	35.39	
3813	Bone, Blood and Potash.....	W. E. Bartlett, Hemet.....	34.53	
3911	Bone, Blood and Potash.....	W. T. Henderson, Riverside.....	32.88	
3932	Bone, Blood and Potash.....	R. E. Fairchild, Redlands.....	33.38	
4014	Bone Blood and Potash.....	J. D. Boley, Highland.....	33.88	
4017	Bone, Blood and Potash.....	Escondido Citrus Union, Escondido.....	33.25	
4057	Bone, Blood and Potash.....	J. D. Seal, Porterville.....	34.02	
	Guaranteed.....		33.61	
4187	Bone, Blood and Potash.....	A. E. Thomason, Lindsay.....	38.98	
	Guaranteed.....		36.22	
3636*	Bone Meal.....	W. T. Henderson, Riverside.....	37.65	
3805*	Bone Meal.....	Irwindale Citrus Assn., Irwindale.....	37.24	
3910*	Bone Meal.....	W. T. Henderson, Riverside.....	37.05	
	Guaranteed.....		38.68	
3684*	Bone Meal.....	N. H. Garrison, Ontario.....	39.15	
	Guaranteed.....		35.40	
3729*	Bone Meal.....	Kenneth Carter, Monrovia.....	38.26	
	Guaranteed.....		37.26	
3759*	Bone Meal.....	A. H. Schroder, Pomona.....	35.68	
3789*	Bone Meal.....	Albert Miller, Highland.....	35.77	
3859*	Bone Meal.....	Chas. H. Low, Riverside.....	37.30	
3860*	Bone Meal.....	Chas. H. Low, Riverside.....	38.76	
3904*	Bone Meal.....	Upland Coop. F. & S. Co., Upland.....	38.03	
3935*	Bone Meal.....	R. E. Fairchild, Redlands.....	38.03	
	Guaranteed.....		37.68	
3820*	Bone Meal.....	L. S. Taylor, San Dimas.....	39.30	
3983*	Bone Meal.....	Everett Hudson, Los Angeles.....	40.24	
	Guaranteed.....		33.40	
3719	Flower and Fern Food.....	G. S. Van Wagenen, Cucamonga.....	33.54	
3980	Flower and Fern Food.....	Everett Hudson, Los Angeles.....	32.06	
	Guaranteed.....		33.61	
3716	Fruit Special.....	G. S. Van Wagenen, Cucamonga.....	22.88	
3757	Fruit Special.....	John Blake, Pasadena.....	23.18	
	Guaranteed.....		21.67	

\*4161—Discrepancy in valuation due to inadequacy in guaranty.

\*3636—55% fine.

\*3805—48% fine.

\*3910—58% fine.

\*3684—56% fine.

\*3729—60% fine.

\*3759—53% fine.

## ANALYSES AND VALUATIONS—Continued.

## POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4161	.....	.....	6.75	.....	1.89	1.40	4.90	.....	8.19	.....	3.21	.....
.....	.....	.....	6.65	.....	.....	.....	7.95	.....	7.95	.....	3.00	.....
3681	.....	.....	.....	.....	.....	.....	13.40	.....	13.40	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	13.00	.....	13.00	.....	.....	.....
4181	.....	.....	.....	.....	.....	.....	13.42	.....	13.42	.....	.....	.....
3680	8.13	1.52	9.65	.....	1.54	0.30	1.92	.....	3.76	7.10	7.10	0.75
3730	8.35	2.70	11.05	.....	1.70	0.25	2.00	.....	3.95	8.37	8.37	0.80
3813	8.99	1.86	10.85	.....	1.43	0.25	2.17	.....	3.85	7.78	7.78	0.75
3911	8.38	1.22	9.60	.....	1.63	0.30	2.02	.....	3.95	7.38	7.38	0.80
3932	7.73	1.72	9.45	.....	1.55	0.27	2.20	.....	4.02	7.51	7.51	1.00
4014	8.52	1.78	10.30	.....	1.64	.....	2.26	.....	3.90	7.60	7.60	0.80
4017	8.49	1.86	10.35	.....	1.60	.....	2.18	.....	3.78	7.41	7.41	0.70
4057	8.34	2.16	10.50	.....	1.70	.....	2.25	.....	3.95	7.43	7.43	0.75
.....	8.00	2.00	10.00	Super, Bn, G	1.50	.....	2.50	Bl, Bn G, T	4.00	7.00	7.00	.....
4187	.....	.....	10.10	.....	.....	.....	4.20	.....	4.20	8.54	8.54	.....
.....	.....	.....	10.00	Bn, G	.....	.....	4.00	Bl, Bn, T	4.00	7.00	7.00	.....
3636	.....	.....	24.20	.....	.....	.....	2.95	.....	2.95	.....	.....	.....
3805	.....	.....	24.20	.....	.....	.....	2.86	.....	2.86	.....	.....	.....
3910	.....	.....	23.60	.....	.....	.....	2.95	.....	2.95	.....	.....	.....
.....	.....	.....	25.00	.....	.....	.....	3.00	.....	3.00	.....	.....	.....
3684	.....	.....	28.80	.....	.....	.....	2.27	.....	2.27	.....	.....	.....
.....	.....	.....	24.00	.....	.....	.....	2.50	.....	2.50	.....	.....	.....
3729	.....	.....	28.00	.....	.....	.....	2.25	.....	2.25	.....	.....	.....
.....	.....	.....	27.00	.....	.....	.....	2.25	.....	2.25	.....	.....	.....
3759	.....	.....	23.60	.....	.....	.....	2.65	.....	2.65	.....	.....	.....
3789	.....	.....	24.60	.....	.....	.....	2.45	.....	2.45	.....	.....	.....
3859	.....	.....	23.90	.....	.....	.....	2.94	.....	2.94	.....	.....	.....
3860	.....	.....	23.90	.....	.....	.....	3.26	.....	3.26	.....	.....	.....
3904	.....	.....	24.90	.....	.....	.....	2.88	.....	2.88	.....	.....	.....
3935	.....	.....	24.90	.....	.....	.....	2.88	.....	2.88	.....	.....	.....
.....	.....	.....	24.00	.....	.....	.....	3.00	.....	3.00	.....	.....	.....
3820	.....	.....	29.00	.....	.....	.....	2.26	.....	2.26	.....	.....	.....
3983	.....	.....	25.20	.....	.....	.....	3.30	.....	3.30	.....	.....	.....
.....	.....	.....	22.00	.....	.....	.....	2.50	.....	2.50	.....	.....	.....
3719	8.44	1.96	10.40	.....	1.97	0.35	2.73	.....	5.05	3.42	3.42	0.62
3980	8.80	1.70	10.50	.....	2.07	.....	2.56	.....	4.63	3.56	3.56	.....
.....	8.00	2.00	10.00	Super, Bn, G	1.50	.....	3.50	Bl, Bn, G	5.00	3.00	3.00	.....
3716	6.71	4.04	10.75	.....	0.42	0.20	0.98	.....	1.60	4.99	4.99	.....
3757	9.35	2.00	11.35	.....	0.32	0.12	1.10	.....	1.54	4.81	4.81	.....
.....	8.00	2.00	10.00	Super, Bn, G	0.50	.....	1.00	Bl, Bn G, T	1.50	5.00	5.00	.....

\*3789—54% fine.

\*3859—63% fine.

\*3860—57% fine.

\*3904—53% fine.

\*3935—53% fine.

\*3820—55% fine.

\*3983—66% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Armour Fertilizer Works—				
<i>Continued.</i>				
3717	Fruit and Vine.....	G. S. Van Wagenen, Cucamonga.....	29.70	
3986	Fruit and Vine.....	Everett Hudson, Los Angeles.....	27.11	
4066	Fruit and Vine.....	Lindsay Feed & Fuel Co., Lindsay.....	29.95	
	<i>Guaranteed</i> .....		26.78	
4097	Fruit and Vine.....	P. J. Pierce, Sanger.....	28.18	
	<i>Guaranteed</i> .....		27.65	
3728	Lawn and Garden.....	Kenneth Carter, Monrovia.....	23.18	
3758	Lawn and Garden.....	John Blake, Pasadena.....	23.84	
3883	Lawn and Garden.....	H. P. Greene, San Diego.....	21.23	
3969	Lawn and Garden.....	B. S. Claubes, San Fernando.....	27.92	
3984	Lawn and Garden.....	Everett Hudson, Los Angeles.....	23.43	
4019	Lawn and Garden.....	Irwin & Co., Escondido.....	24.28	
4054	Lawn and Garden.....	J. D. Seal, Porterville.....	27.41	
	<i>Guaranteed</i> .....		25.19	
3982	Lawn Special.....	Everett Hudson, Los Angeles.....	27.79	
	<i>Guaranteed</i> .....		26.06	
3909	Nitrate of Soda.....	W. T. Henderson, Riverside.....	44.58	
4068	Nitrate of Soda.....	Lindsay Feed & Fuel Co., Lindsay.....	43.45	
	<i>Guaranteed</i> .....		42.30	
3638	Orange Tree Manure.....	W. T. Henderson, Riverside.....	25.88	
3683	Orange Tree Manure.....	N. H. Garrison, Ontario.....	27.18	
3887	Orange Tree Manure.....	James Mills, Riverside.....	25.53	
3889	Orange Tree Manure.....	W. B. Glidden, Glendora.....	25.43	
3965	Orange Tree Manure.....	B. S. Claubes, San Fernando.....	27.20	
4056	Orange Tree Manure.....	J. D. Seal, Porterville.....	27.14	
	<i>Guaranteed</i> .....		25.63	
3613	Special .....	Mtn. View O. & L. Assn., Upland.....	28.44	
3773	Special .....	Santiago O. G. Assn., Orange.....	30.03	
4201	Special .....	C. B. Buxton, Orange.....	30.42	
	<i>Guaranteed</i> .....		30.84	
3742	Special .....	B. A. Maxwell, Riverside.....	27.73	
	<i>Guaranteed</i> .....		28.77	
3752	Special .....	Rialto Orange-Lemon Assn., Rialto.....	32.33	
	<i>Guaranteed</i> .....		32.14	
3756	Special .....	John Blake, Pasadena.....	21.52	
	<i>Guaranteed</i> .....		24.16	
3780	Special .....	A. O. Hockenberry, Covina.....	37.92	
	<i>Guaranteed</i> .....		37.52	
3781	Special .....	W. B. Glidden, Glendora.....	22.76	
	<i>Guaranteed</i> .....		22.54	

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3717	6.81	1.84	8.65	.....	0.90	0.16	1.12	.....	2.18	11.26	11.26	0.80
3986	7.52	1.68	9.20	.....	0.94	0.20	0.86	.....	2.00	9.32	<b>9.32</b>	0.70
4066	6.82	0.48	7.30	.....	0.52	0.20	1.28	.....	2.00	12.83	12.83	0.80
.....	6.00	2.00	8.00	<i>Super, Bn, G</i>	1.00	.....	1.00	<i>Bl, Bn, G, T</i>	2.00	10.00	10.00	.....
4097	6.65	1.70	8.35	.....	1.20	.....	1.05	.....	2.25	10.23	10.23	.....
.....	6.00	2.00	8.00	<i>Super, Bn, G</i>	0.50	.....	1.50	<i>Bl, Bn G, T</i>	2.00	10.00	10.00	.....
3728	4.24	1.06	5.30	.....	1.75	0.10	1.38	.....	<b>3.23</b>	5.53	5.53	.....
3758	5.62	0.78	6.40	.....	1.56	0.20	1.70	.....	<b>3.46</b>	4.02	4.02	0.75
3883	4.81	0.64	5.45	.....	0.73	0.16	1.86	.....	<b>2.75</b>	4.11	4.11	.....
3969	5.08	1.02	6.10	.....	1.64	0.20	2.43	.....	4.27	4.74	4.74	0.90
3984	4.57	0.78	5.35	.....	1.19	0.26	2.10	.....	<b>3.55</b>	3.70	3.70	0.70
4019	6.88	1.42	8.30	.....	1.24	0.30	2.03	.....	<b>3.57</b>	1.89	<b>1.89</b>	.....
4054	5.12	1.08	6.20	.....	1.63	.....	2.37	.....	4.00	5.09	5.09	0.75
.....	4.00	1.00	5.00	<i>Super, Bn, G</i>	1.50	.....	2.50	<i>Bl, Bn; G, T</i>	4.00	4.00	4.00	.....
3982	.....	.....	5.60	.....	1.23	0.25	3.34	.....	4.82	2.28	2.28	0.94
.....	.....	.....	5.00	<i>Bn, G</i>	1.00	.....	3.50	<i>Bl, Bn, G, T</i>	4.50	2.00	2.00	.....
3909	.....	.....	.....	.....	15.81	.....	.....	.....	15.81	.....	.....	.....
4068	.....	.....	.....	.....	15.41	.....	.....	.....	15.41	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
3638	7.68	2.72	10.40	.....	1.59	0.20	1.20	.....	2.99	4.22	4.22	.....
3683	7.86	2.64	10.50	.....	1.38	0.25	1.45	.....	3.08	4.64	4.64	.....
3887	8.11	1.44	9.55	.....	1.52	0.15	1.41	.....	3.08	4.17	4.17	.....
3889	8.35	1.60	9.95	.....	1.15	0.20	1.50	.....	2.85	4.11	4.11	.....
3965	8.01	2.44	10.45	.....	1.36	0.17	1.53	.....	3.06	4.68	4.68	.....
4056	8.10	1.90	10.00	.....	1.56	.....	1.67	.....	3.23	4.50	4.50	.....
.....	8.00	2.00	10.00	<i>Super, Bn, G</i>	1.50	.....	1.50	<i>Bl, Bn, G, T</i>	3.00	4.00	4.00	.....
3613	6.88	3.12	10.00	.....	1.75	0.22	1.80	.....	3.77	3.96	<b>3.96</b>	.....
3773	7.20	2.60	9.80	.....	1.74	0.23	1.58	.....	<b>3.55</b>	6.42	6.42	0.65
4201	6.19	3.16	9.35	.....	1.58	0.82	1.65	.....	4.05	5.40	5.40	0.60
.....	5.00	5.00	10.00	<i>Super, Bn, G</i>	1.50	0.50	2.00	<i>Bl, Bn, G, T</i>	4.00	5.00	5.00	.....
3742	9.64	2.06	11.70	.....	1.23	0.20	1.11	.....	<b>2.54</b>	5.96	5.96	.....
.....	10.00	2.00	12.00	<i>Super, Bn, G</i>	1.50	.....	1.50	<i>Bl, Bn, G, T</i>	3.00	5.00	5.00	.....
3752	10.31	0.64	10.95	.....	2.22	0.25	1.35	.....	3.82	8.20	8.20	0.70
.....	10.00	.....	.....	<i>Super, Bn, G</i>	2.00	.....	2.00	<i>Bl, Bn, G, T</i>	4.00	7.00	7.00	.....
3756	.....	.....	5.50	.....	0.90	0.35	2.15	.....	<b>3.40</b>	2.13	2.13	.....
.....	.....	.....	5.00	<i>Bn, G</i>	0.50	0.50	3.00	<i>Bn, G</i>	4.00	2.00	2.00	.....
3780	.....	.....	16.30	.....	.....	.....	2.40	.....	2.40	9.37	<b>9.37</b>	0.75
.....	.....	.....	17.00	<i>Bn</i>	.....	.....	2.00	<i>Bn</i>	2.00	10.00	10.00	.....
3781	8.55	1.95	10.50	.....	.....	.....	1.56	.....	1.56	4.52	4.52	.....
.....	8.00	2.00	10.00	<i>Super, Bn, G</i>	.....	.....	1.50	<i>Bl, Bn, G, T</i>	1.50	5.00	5.00	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
	Armour Fertilizer Works— <i>Continued.</i>			
3827	Special .....	H. L. Hostetler, Covina.....	41.48	
	<i>Guaranteed</i> .....		36.10	
3974	Special .....	J. S. Phelps, Redlands.....	31.36	
	<i>Guaranteed</i> .....		31.98	
4030	Special .....	West Highland Citrus Assn., Highland..	24.10	
4139	Special .....	West Highland Citrus Assn., Highland..	23.34	
4140	Special .....	West Highland Citrus Assn., Highland..	27.14	
4141	Special .....	West Highland Citrus Assn., Highland..	26.81	
	<i>Guaranteed</i> .....		25.58	
4058	Special .....	J. D. Seal, Porterville.....	29.61	
	<i>Guaranteed</i> .....		29.37	
4067	Special .....	Lindsay Feed & Fuel Co., Lindsay.....	29.21	
	<i>Guaranteed</i> .....		29.05	
4069	Special .....	W. S. Cairns, Lindsay.....	34.40	
	<i>Guaranteed</i> .....		32.61	
4076	Special .....	Robert Baird, Porterville.....	34.81	
	<i>Guaranteed</i> .....		33.85	
4096	Special .....	P. J. Pierce, Sanger.....	29.42	
	<i>Guaranteed</i> .....		28.50	
4143	Special .....	N. R. Benson, Rialto.....	27.02	
	<i>Guaranteed</i> .....		29.04	
4186	Special .....	N. R. Benson, Rialto.....	31.03	
	<i>Guaranteed</i> .....		32.42	
4211	Special .....	Arlington Hts. Fruit Co., Riverside.....	34.31	
4212	Special .....	Arlington Hts. Fruit Co., Riverside.....	35.61	
4219	Special .....	Arlington Hts. Fruit Co., Riverside.....	34.05	
4220	Special .....	Arlington Hts. Fruit Co., Riverside.....	35.01	
4226	Special .....	Arlington Hts. Fruit Co., Riverside.....	34.58	
4227	Special .....	Arlington Hts. Fruit Co., Riverside.....	34.62	
4228	Special .....	Arlington Hts. Fruit Co., Riverside.....	34.39	
4229	Special .....	Arlington Hts. Fruit Co., Riverside.....	36.03	
4230	Special .....	Arlington Hts. Fruit Co., Riverside.....	33.26	
4233	Special .....	Arlington Hts. Fruit Co., Riverside.....	32.82	
4234	Special .....	Arlington Hts. Fruit Co., Riverside.....	34.40	
4235	Special .....	Arlington Hts. Fruit Co., Riverside.....	35.30	
4240	Special .....	Arlington Hts. Fruit Co., Riverside.....	35.92	
4241	Special .....	Arlington Hts. Fruit Co., Riverside.....	32.94	
4242	Special .....	Arlington Hts. Fruit Co., Riverside.....	35.13	
	<i>Guaranteed</i> .....		34.64	
3679	Special 5-8-2.....	N. H. Garrison, Ontario.....	26.09	

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3827	12.28	6.32	18.60	.....	.....	.....	0.70	.....	0.70	17.27	17.27	0.75
.....	.....	.....	19.00	<i>Super, Bn</i>	.....	.....	0.75	<i>Bn</i>	0.75	12.00	12.00	.....
3974	7.57	2.48	10.05	.....	1.63	0.70	2.56	.....	4.89	2.23	2.23	.....
.....	5.00	5.00	10.00	<i>Super, Bn, G</i>	1.50	0.50	3.00	<i>Bl, Bn, C.S.M., G</i>	5.00	2.00	2.00	.....
4030	9.16	0.94	10.10	.....	1.65	0.80	0.95	.....	3.40	1.90	1.90	.....
4139	8.02	1.08	9.10	.....	2.30	0.52	0.80	.....	3.62	1.97	1.97	.....
4140	9.66	1.24	10.90	.....	2.29	0.53	1.30	.....	4.12	1.71	1.71	.....
4141	9.80	1.00	10.80	.....	2.53	0.67	1.05	.....	4.25	1.48	1.48	.....
.....	9.00	1.00	10.00	<i>Super, Bn, G</i>	2.35	0.75	1.00	<i>Bl, Bn, G, T</i>	4.10	1.50	1.50	.....
4058	9.10	2.60	11.70	.....	0.65	0.15	1.45	.....	2.25	7.83	7.83	0.62
.....	8.00	4.00	12.00	<i>Super, Bn, G</i>	0.50	.....	1.50	<i>Bl, Bn, CSM, G, T</i>	2.00	8.00	8.00	.....
4067	7.50	2.00	9.50	.....	1.65	.....	1.43	.....	3.08	7.49	7.49	0.60
.....	8.00	2.00	10.00	<i>Super, Bn, G</i>	1.50	.....	1.50	<i>Bl, Bn, CSM, G, T</i>	3.00	7.00	7.00	.....
4069	7.01	2.64	9.65	.....	1.81	.....	2.40	.....	4.21	7.64	7.64	0.70
.....	6.00	3.00	9.00	<i>Super, Bn, G</i>	1.50	.....	2.50	<i>Bl, Bn, CSM, G, T</i>	4.00	7.00	7.00	.....
4076	7.66	1.64	9.30	.....	2.67	.....	2.10	.....	4.77	7.39	7.39	0.75
.....	7.60	1.90	9.50	<i>Super, Bn, G</i>	2.15	.....	2.35	<i>Bl, Bn, G, T</i>	4.50	6.65	6.65	.....
4096	8.55	3.10	11.65	.....	1.12	.....	1.10	.....	2.22	8.42	8.42	.....
.....	8.00	4.00	12.00	<i>Super, Bn, G</i>	1.00	.....	1.00	<i>Bl, Bn, G, T</i>	2.00	8.00	8.00	.....
4143	.....	.....	12.30	.....	1.69	0.15	1.50	.....	3.34	2.27	2.27	.....
.....	.....	.....	12.00	<i>Super, Bn, G</i>	2.00	.....	2.00	<i>Bl, Bn, G, T</i>	4.00	2.00	2.00	.....
4186	.....	.....	7.50	.....	3.78	.....	2.50	.....	6.28	2.19	2.19	.....
.....	.....	.....	8.00	<i>Super, Bn, G</i>	3.00	.....	3.00	<i>Bl, Bn, CSM, G, T</i>	6.00	2.00	2.00	.....
4211	.....	.....	5.20	.....	.....	.....	5.76	.....	5.76	2.50	2.50	0.80
4212	.....	.....	5.65	.....	.....	.....	5.91	.....	5.91	2.64	2.64	0.80
4219	.....	.....	5.35	.....	.....	.....	5.77	.....	5.77	2.10	2.10	0.80
4220	.....	.....	5.20	.....	.....	.....	5.90	.....	5.90	2.56	2.56	0.80
4226	.....	.....	6.20	.....	.....	.....	5.76	.....	5.76	1.86	1.86	0.80
4227	.....	.....	5.25	.....	.....	.....	5.77	.....	5.77	2.69	2.69	0.80
4228	.....	.....	5.50	.....	.....	.....	5.80	.....	5.80	2.14	2.14	0.75
4229	.....	.....	5.35	.....	.....	.....	6.00	.....	6.00	2.91	2.91	0.80
4230	.....	.....	6.00	.....	.....	.....	5.45	.....	5.45	2.11	2.11	0.70
4233	.....	.....	5.45	.....	.....	.....	5.46	.....	5.46	2.17	2.17	0.80
4234	.....	.....	5.30	.....	.....	.....	5.87	.....	5.87	2.05	2.05	0.90
4235	.....	.....	5.15	.....	.....	.....	5.98	.....	5.98	2.54	2.54	0.90
4240	.....	.....	5.65	.....	.....	.....	6.00	.....	6.00	2.55	2.55	0.95
4241	.....	.....	5.35	.....	.....	.....	5.45	.....	5.45	2.41	2.41	0.90
4242	.....	.....	5.20	.....	.....	.....	5.97	.....	5.97	2.38	2.38	0.80
.....	.....	.....	5.00	<i>Bn, T</i>	.....	.....	6.00	<i>Bl, Bn, T</i>	6.00	2.00	2.00	.....
3679	7.76	1.64	9.40	.....	1.29	0.20	2.08	.....	3.57	2.50	2.50	0.60

ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Armour Fertilizer Works— <i>Continued.</i>				
3718	Special	5-8-2.....	G. S. Van Wagenen, Cucamonga.....	30.28
3812	Special	5-8-2.....	W. E. Bartlett, Hemet.....	28.13
3912	Special	5-8-2.....	W. T. Henderson, Riverside.....	26.95
3933	Special	5-8-2.....	R. E. Fairchild, Redlands.....	28.14
3934	Special	5-8-2.....	R. E. Fairchild, Redlands.....	28.43
3964	Special	5-8-2.....	B. S. Claubes, San Fernando.....	25.44
4018	Special	5-8-2.....	Escondido Citrus Union, Escondido.....	28.81
4055	Special	5-8-2.....	Frank Neumann, Success.....	29.13
	<i>Guaranteed</i> .....			27.91
3682	Sulfate of Potash.....		N. H. Garrison, Ontario.....	55.63
3877	Sulfate of Potash.....		H. P. Greene, San Diego.....	57.52
3936	Sulfate of Potash.....		R. E. Fairchild, Redlands.....	52.89
	<i>Guaranteed</i> .....			54.72
3806	Superphosphate .....		Irwindale Citrus Assn., Irwindale.....	16.82
	<i>Guaranteed</i> .....			15.98
4170*	Superphosphate .....		Chas. H. Low, Riverside.....	
	<i>Sold on Station Analysis.</i>			
3637*	Tankage .....		W. T. Henderson, Riverside.....	33.78
3731*	Tankage .....		Kenneth Carter, Monrovia.....	30.98
3970*	Tankage .....		B. S. Claubes, San Fernando.....	33.93
	<i>Guaranteed</i> .....			32.68
3639*	Tankage .....		W. T. Henderson, Riverside .....	40.41
	<i>Guaranteed</i> .....			39.90
3685*	Tankage .....		N. H. Garrison, Ontario.....	40.20
	<i>Guaranteed</i> .....			40.28
3891*	Tankage .....		William Hagen, Duarte.....	35.49
3962*	Tankage .....		A. B. Downe, Duarte.....	35.31
	<i>Guaranteed</i> .....			34.20
3993*	Tankage .....		P. J. Neilly, Claremont.....	48.05
4038*	Tankage .....		A. H. Schroder, Pomona.....	48.79
4047*	Tankage .....		W. C. Nickerson, Redlands.....	46.88
4168*	Tankage .....		C. C. Cady, Covina.....	51.01
	<i>Guaranteed</i> .....			49.23
4202*	Tankage .....		B. L. King, Covina.....	41.35
	<i>Guaranteed</i> .....			42.01
3985	Vegetable Grower.....		Everett Hudson, Los Angeles.....	18.91
	<i>Guaranteed</i> .....			25.19

\*4170—Originally mislabeled "Orange Tree Manure."  
\*3637—77% fine.  
\*3731—66% fine.

\*3970—70% fine.  
\*3639—94% fine.  
\*3685—87% fine.  
\*3891—69% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3718	7.67	2.58	10.25	.....	2.27	0.25	2.00	.....	4.52	3.18	3.18	0.75
3812	9.02	1.68	10.70	.....	1.71	0.25	2.00	.....	3.96	2.28	2.28	0.60
3912	7.91	1.24	9.15	.....	1.71	0.40	1.90	.....	4.01	2.54	2.54	.....
3933	7.86	1.74	9.60	.....	1.89	.....	2.39	.....	4.28	2.04	2.04	.....
3934	8.65	1.60	10.25	.....	1.66	0.25	2.18	.....	4.09	2.35	2.35	.....
3964	7.77	1.48	9.25	.....	1.60	0.25	1.80	.....	<b>3.65</b>	2.26	2.26	.....
4018	9.31	1.64	10.95	.....	1.55	0.15	2.18	.....	3.88	2.64	2.64	0.60
4055	7.90	2.20	10.10	.....	1.88	.....	2.40	.....	4.28	2.45	2.45	.....
.....	8.00	2.00	10.00	Super, Bn, G	1.50	.....	2.50	Bl, Bn, G, T	4.00	2.00	2.00	.....
3682	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.80	48.80	2.30
3877	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.46	50.46	1.20
3936	.....	.....	.....	.....	.....	.....	.....	.....	.....	46.40	<b>46.40</b>	<b>3.44</b>
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	<b>48.00</b>	<b>48.00</b>	.....
3806	17.91	0.34	18.25	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4170	18.64	0.46	19.10	.....	.....	.....	.....	.....	.....	.....	.....	.....
3637	.....	.....	11.80	.....	.....	.....	5.44	.....	5.44	.....	.....	.....
3731	.....	.....	<b>9.45</b>	.....	.....	.....	5.22	.....	5.22	.....	.....	.....
3970	.....	.....	13.75	.....	.....	.....	5.15	.....	5.15	.....	.....	.....
.....	.....	.....	11.50	Bn.	.....	.....	5.25	Bl, Bn	5.25	.....	.....	.....
3639	.....	.....	8.05	.....	.....	.....	7.52	.....	7.52	.....	.....	.....
.....	.....	.....	6.00	Bn	.....	.....	7.75	Bl, Bn	7.75	.....	.....	.....
3685	.....	.....	7.60	.....	.....	.....	7.55	.....	7.55	.....	.....	.....
.....	.....	.....	6.50	Bn	.....	.....	7.75	Bl, Bn	7.75	.....	.....	.....
3891	.....	.....	14.00	.....	.....	.....	5.45	.....	5.45	.....	.....	.....
3962	.....	.....	13.30	.....	.....	.....	5.53	.....	5.53	.....	.....	.....
.....	.....	.....	12.00	Bn	.....	.....	5.50	Bl, Bn	5.50	.....	.....	.....
3993	.....	.....	6.90	.....	.....	.....	9.39	.....	<b>9.39</b>	.....	.....	.....
4038	.....	.....	5.95	.....	.....	.....	9.71	.....	9.71	.....	.....	.....
4047	.....	.....	5.90	.....	.....	.....	9.30	.....	<b>9.30</b>	.....	.....	.....
4168	.....	.....	6.05	.....	.....	.....	10.18	.....	10.18	.....	.....	.....
.....	.....	.....	5.50	Bn	.....	.....	9.88	Bl, Bn	9.88	.....	.....	.....
4202	.....	.....	<b>14.80</b>	.....	.....	.....	6.60	.....	6.60	.....	.....	.....
.....	.....	.....	16.54	Bn	.....	.....	6.46	Bl, Bn	6.46	.....	.....	.....
3985	4.90	0.60	5.50	.....	0.95	0.20	1.55	.....	<b>2.70</b>	2.58	<b>2.58</b>	.....
.....	4.00	1.00	5.00	Super, Bn, G	1.50	.....	2.50	Bl, Bn, G, T	4.00	4.00	4.00	.....

\*3962—65% fine.

\*3993—66% fine.

\*4038—66% fine.

\*4047—61% fine.

\*4168—76% fine.

\*4202—87% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
California Fertilizer Works, San Francisco, Cal.				
3705	Blood .....		Hanson & Seares, Upland.....	61.60
	Guaranteed.....			54.33
3702*	Bone Meal .....		Hanson & Seares, Upland.....	36.40
	Guaranteed.....			31.40
4103	Fruit, Orange and Vine.....		Sunnyside Vineyard Co., Fresno.....	28.45
	Guaranteed.....			27.58
3899	Fruit and Vine.....		G. W. Hume Co., Los Gatos.....	27.55
	Guaranteed.....			27.68
3646*	High Grade Bone and Bl. Meal....		R. T. Godfrey, Riverside.....	43.67
3704*	High Grade Bone and Bl. Meal....		Hanson & Seares, Upland.....	43.08
	Guaranteed.....			40.70
3856*	High Grade Bone and Bl. Meal....		H. Postlethwaite, Lindsay.....	43.34
3857*	High Grade Bone and Bl. Meal....		H. Postlethwaite, Lindsay.....	43.53
3858*	High Grade Bone and Bl. Meal....		H. Postlethwaite, Lindsay.....	43.92
	Guaranteed.....			40.80
3866*	High Grade Bone and Bl. Meal....		Merriman Fruit L. & L. Co., Exeter.....	44.58
	Guaranteed.....			42.80
3829	Odorless Lawn .....		Hanson & Seares, Upland.....	30.95
	Guaranteed.....			21.80
4085	Special .....		Fancher Creek Nurseries, Fresno.....	39.38
	Guaranteed.....			30.97
4157	Special .....		Hammon Orchards, Oroville.....	33.39
	Guaranteed.....			33.34
4147	Special Nitrogen.....		Security Investment Co., Palermo.....	32.23
	Guaranteed.....			31.24
4232	Special Nitrogen.....		H. Postlethwaite, Lindsay.....	32.84
	Guaranteed.....			32.34
3647	Special Nursery Stock.....		R. T. Godfrey, Riverside.....	30.20
4075	Special Nursery Stock.....		A. G. Schulz, Porterville.....	28.53
4088	Special Nursery Stock.....		A. C. Dungan, Exeter.....	28.44
4089	Special Nursery Stock.....		Merriman Fruit L. & L. Co., Exeter.....	28.65
4149	Special Nursery Stock.....		Security Investment Co., Palermo.....	29.49
	Guaranteed.....			28.78
4148	Special Olive.....		Security Investment Co., Palermo.....	28.00
	Guaranteed.....			29.62
3701	Special Orange A.....		Hanson & Seares, Upland.....	28.84
	Guaranteed.....			27.53
3648	Special Orange and Lemon.....		R. T. Godfrey, Riverside.....	29.16
4090	Special Orange and Lemon.....		T. J. Dofflemyer & Sons, Exeter.....	28.43
	Guaranteed.....			28.51
4155	Special Orange and Lemon.....		Security Investment Co., Palermo.....	28.87
	Guaranteed.....			28.17
3703	Special Orange Tree .....		Hanson & Seares, Upland.....	27.85
4074	Special Orange Tree.....		A. G. Schulz, Porterville.....	26.65

\*3702—71% fine.

\*3704—83% fine.

\*3646—66% fine.

\*3856—50% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3705	.....	.....	.....	.....	.....	.....	13.05	.....	13.05	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	11.51	.....	11.51	.....	.....	.....
3702	.....	.....	23.50	.....	.....	.....	2.83	.....	2.83	.....	.....	.....
.....	.....	.....	20.00	.....	.....	.....	2.50	.....	2.50	.....	.....	.....
4103	7.20	2.80	10.00	.....	0.82	0.30	1.70	.....	2.82	6.42	6.42	.....
.....	6.00	3.50	9.50	Super,	0.75	.....	2.00	Bl, Bn	2.75	6.00	6.00	.....
3899	7.02	2.78	9.80	.....	0.69	0.30	1.44	.....	2.43	7.18	7.18	0.60
.....	6.00	3.00	9.00	Bn Super	0.50	.....	2.00	Bl, Bn	2.50	7.15	7.15	.....
3646	.....	.....	24.70	.....	.....	.....	4.16	.....	4.16	.....	.....	.....
3704	.....	.....	24.20	.....	.....	.....	4.14	.....	4.14	.....	.....	.....
.....	.....	.....	22.00	Bn	.....	.....	4.10	Bl, Bn	4.10	.....	.....	.....
3856	.....	.....	20.50	.....	.....	.....	5.01	.....	5.01	.....	.....	.....
3857	.....	.....	20.10	.....	.....	.....	5.14	.....	5.14	.....	.....	.....
3858	.....	.....	20.40	.....	.....	.....	5.16	.....	5.16	.....	.....	.....
.....	.....	.....	18.00	Bn	.....	.....	5.00	Bl, Bn	5.00	.....	.....	.....
3866	.....	.....	20.55	.....	.....	.....	5.27	.....	5.27	.....	.....	.....
.....	.....	.....	20.00	Bn	.....	.....	5.00	Bl, Bn	5.00	.....	.....	.....
3829	7.95	3.80	11.75	.....	1.47	0.55	2.22	.....	4.24	2.69	2.69	.....
.....	9.00	3.00	12.00	Super,	.....	.....	1.65	Bl, Bn	1.65	2.00	2.00	.....
4085	4.49	1.76	6.25	.....	0.75	0.30	4.50	.....	5.55	8.27	8.27	0.75
.....	5.50	3.00	8.50	Bn Super	1.50	.....	1.50	Bl, Bn	3.00	10.00	10.00	.....
4157	10.00	3.00	13.00	.....	2.09	0.36	2.90	.....	5.35	.....	.....	.....
.....	8.00	6.00	14.00	Bn Super	2.00	.....	3.00	Bl, Bn	5.00	.....	.....	.....
4147	4.22	0.88	5.10	.....	6.52	1.18	0.20	.....	7.90	3.17	3.17	0.70
.....	3.40	1.10	4.50	Bn Black	7.00	1.00	.....	.....	8.00	3.00	3.00	.....
4232	4.45	0.70	5.15	.....	6.11	1.07	.....	.....	7.18	5.82	5.82	0.90
.....	3.60	1.40	5.00	Bn Black	6.00	1.00	.....	.....	7.00	6.00	6.00	.....
3647	7.07	3.68	10.75	.....	1.07	0.20	2.51	.....	3.78	3.74	3.74	.....
4075	6.74	2.76	9.50	.....	1.10	0.30	2.62	.....	4.02	2.56	2.56	0.60
4088	6.86	3.04	9.90	.....	1.10	0.25	2.65	.....	4.00	2.17	2.17	.....
4089	7.26	3.14	10.40	.....	1.12	0.25	2.56	.....	3.93	2.22	2.22	.....
4149	6.50	2.80	9.30	.....	1.10	0.35	2.85	.....	4.30	2.50	2.50	.....
.....	7.00	3.00	10.00	Bn Super	1.00	.....	3.00	Bl, Bn	4.00	2.00	2.00	.....
4148	6.56	3.44	10.00	.....	2.58	0.42	1.00	.....	4.00	4.10	4.10	.....
.....	8.50	2.50	11.00	Super	2.40	.....	1.60	Bl, Bn	4.00	4.00	4.00	.....
3701	4.54	3.36	7.90	.....	.....	0.50	1.20	.....	1.70	12.00	12.00	1.05
.....	5.00	2.50	7.50	Super	.....	0.50	1.00	Bl, Bn	1.50	12.00	12.00	.....
3648	6.70	4.70	11.40	.....	0.92	0.25	1.71	.....	2.88	5.68	5.68	.....
4090	6.75	2.60	9.35	.....	0.89	0.20	2.21	.....	3.30	5.06	5.06	0.90
.....	6.00	4.00	10.00	Super	0.50	.....	2.50	Bl, Bn	3.00	5.00	5.00	.....
4155	6.28	3.72	10.00	.....	0.83	0.20	2.05	.....	3.08	5.68	5.68	0.80
.....	6.00	4.00	10.00	Bn Super	0.70	.....	2.30	Bl, Bn	3.00	5.00	5.00	.....
.....	.....	.....	.....	Super	.....	.....	.....	.....	.....	.....	.....	.....
3703	5.32	3.88	9.20	.....	0.89	0.24	1.63	.....	2.76	6.89	6.89	0.70
4074	6.31	2.24	8.55	.....	0.75	0.35	1.55	.....	2.65	6.74	6.74	0.60

\*3857—50% fine.

\*3858—46% fine.

\*3866—63% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
<b>California Fertilizer Works—</b>				
<i>Continued.</i>				
4154	Special Orange Tree.....	Security Investment Co., Palermo.....		25.11
	<i>Guaranteed</i> .....			28.12
3706	Sulfate of Potash.....	Hanson & Seares, Upland.....		55.18
	<i>Guaranteed</i> .....			55.86
<b>California Trading Co.</b>				
<b>Los Angeles, Cal.</b>				
4213*	Bone Meal.....	Factory, Los Angeles.....		36.23
	<i>Guaranteed</i> .....			34.56
<b>Chapman Fertilizer Co.,</b>				
<b>Los Angeles, Cal.</b>				
3790	Chapman's Fall.....	Sweetwater Fruit Co., Bonita.....		36.99
3814	Chapman's Fall.....	H. A. Brimmer, Rialto.....		36.09
3825	Chapman's Fall.....	H. J. Snead, San Dimas.....		37.58
	<i>Guaranteed</i> .....			35.10
3921	Chapman's Spring.....	C. E. McLaughlin, Rialto.....		38.76
3991	Chapman's Spring.....	Francis Cuttle, Riverside.....		39.69
4008	Chapman's Spring.....	R. B. Campbell, Ontario.....		39.37
4015	Chapman's Spring.....	T. E. Moon, Colton.....		41.06
4021	Chapman's Spring.....	Francis Cuttle, Riverside.....		40.33
	<i>Guaranteed</i> .....			39.81
<b>C. J. Duff, Glendale, Cal.</b>				
3614*	Duff's Odorless Fertilizer.....	Factory, Glendale .....		.....
	<i>Guaranteed</i> .....			.....
<b>Federal Chemical Co.,</b>				
<b>Los Angeles, Cal.</b>				
4199	Special .....	J. G. Davidson, Los Angeles.....		12.34
	<i>Guaranteed</i> .....			10.54
<b>General Fertilizer Association,</b>				
<b>Los Angeles, Cal.</b>				
4167*	.....	E. E. Speer, Glendora.....		38.37
	<i>Guaranteed</i> .....			39.81
3981	Bat Guano.....	E. E. Raught, Redlands.....		24.24
	<i>Guaranteed</i> .....			21.92
4044	Bat Guano.....	C. O. Baughman, Pomona.....		20.75
4045	Bat Guano.....	E. V. Decker, Pomona.....		22.44
	<i>Guaranteed</i> .....			26.64
4166	Bat Guano.....	G. H. Wheeler, Rialto.....		.....
	<i>Sold on Station Analysis.</i>			
3669	Blood .....	J. D. Langford, Redlands.....		56.88
	<i>Guaranteed</i> .....			55.37

\*4213—82% fine.

\*3614—Chicken Manure and Nitrate of Soda.

## ANALYSES AND VALUATIONS—Continued.

## POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4154	5.70	2.40	8.10	.....	0.74	0.42	1.52	.....	2.68	5.69	<b>5.69</b>	0.70
.....	6.00	3.50	9.50	<i>Super</i>	0.50	.....	2.00	<i>Bl, Bn</i>	2.50	7.10	7.10	.....
3706	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.40	<b>48.40</b>	1.83
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.00	49.00	.....
4213	.....	.....	30.30	.....	.....	.....	1.30	.....	1.30	.....	.....	.....
.....	.....	.....	30.00	.....	.....	.....	1.00	.....	1.00	.....	.....	.....
3790	14.36	3.24	17.60	.....	.....	.....	0.95	.....	0.95	13.21	13.21	0.88
3814	.....	.....	18.30	.....	.....	.....	0.90	.....	0.90	12.01	12.01	.....
3825	14.24	4.96	19.20	.....	.....	.....	1.15	.....	1.15	11.53	11.53	0.60
.....	.....	.....	18.00	<i>Super, Bn</i>	.....	.....	0.75	<i>Bn</i>	0.75	12.00	12.00	.....
3921	.....	.....	10.25	.....	1.82	.....	5.13	.....	6.95	.....	.....	.....
3991	.....	.....	10.70	.....	1.68	.....	5.32	.....	7.00	.....	.....	.....
4008	6.33	4.32	10.65	.....	2.10	.....	5.00	.....	7.10	.....	.....	.....
4015	.....	.....	10.85	.....	1.82	.....	5.50	.....	7.32	.....	.....	.....
4021	.....	.....	10.65	.....	1.99	.....	5.50	.....	7.49	.....	.....	.....
.....	.....	.....	10.50	<i>Super, Bn, T</i>	1.50	.....	5.50	<i>Bl, Bn, T</i>	7.00	.....	.....	.....
3614	.....	.....	0.90	.....	1.39	0.15	0.46	.....	2.00	.....	0.39	.....
.....	.....	.....	0.65	.....	.....	.....	.....	.....	1.48	.....	0.52	.....
4199	7.60	0.30	7.90	.....	1.10	.....	.....	.....	1.10	1.84	1.84	.....
.....	7.00	.....	.....	<i>Super</i>	1.00	.....	.....	.....	1.00	1.00	1.00	.....
4167	<b>6.56</b>	4.14	10.70	.....	1.82	0.17	4.81	.....	6.80	.....	.....	.....
.....	10.50	.....	.....	<i>Super, Bn, T</i>	1.50	.....	5.50	<i>Bl, Bn, T</i>	7.00	.....	.....	.....
3981	.....	.....	16.00	.....	0.85	.....	<b>1.28</b>	.....	2.13	.....	.....	.....
.....	.....	.....	14.13	.....	.....	.....	<b>1.71</b>	.....	1.71	.....	.....	.....
4044	.....	.....	<b>14.10</b>	.....	0.73	.....	1.01	.....	<b>1.74</b>	.....	0.40	.....
4045	.....	.....	<b>14.40</b>	.....	0.85	.....	<b>1.24</b>	.....	<b>2.09</b>	.....	0.43	.....
.....	.....	.....	15.70	.....	.....	.....	.....	.....	2.40	.....	0.31	.....
4166	.....	.....	10.00	.....	1.23	0.20	2.72	.....	4.15	.....	0.58	.....
3669	.....	.....	.....	.....	.....	.....	12.05	.....	<b>12.05</b>	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	11.73	.....	11.73	.....	.....	.....

\*4167—No brand name as required by Fertilizer Act.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
General Fertilizer Association —Continued.				
3798	Blood .....	Limoneira Ranch, Santa Paula.....		
	Sold on Station Analysis.			
3915	Blood .....	P. J. Bollinger, Riverside.....	61.45	
	Guaranteed.....			55.69
4238	Blood .....	Etiwanda Citrus Assn., Etiwanda.....	65.13	
	Guaranteed.....			64.52
3878*	Bone Meal.....	F. A. Springstead, El Cajon.....	35.57	
	Guaranteed.....			36.40
3913*	Bone Meal.....	P. J. Bollinger, Riverside.....	37.85	
	Guaranteed.....			39.40
3686	Chapman's Fall.....	Factory, Ontario.....	36.51	
3722	Chapman's Fall.....	Francis, Cuttle, Riverside.....	37.94	
3726	Chapman's Fall.....	C. E. McLaughlin, Rialto.....	37.08	
3751	Chapman's Fall.....	W. D. Hoover, Rialto.....	36.96	
3764	Chapman's Fall.....	R. C. Hoyt, Riverside.....	38.19	
	Guaranteed.....			36.10
4042	G. F. A. No. 2.....	Mrs. M. A. Clemmons, Highland.....	25.47	
4237	G. F. A. No. 2.....	Etiwanda Citrus Assn., Etiwanda.....	26.02	
	Guaranteed.....			28.45
3687	G. F. A. No. 3.....	Factory, Ontario .....	24.62	
	Guaranteed.....			23.22
3855*	G. F. A. No. 3.....	W. H. Truitt, Pomona.....	24.00	
	Guaranteed.....			20.22
3845*	G. F. A. No. 4.....	H. A. Barton, Orange.....	29.60	
	Guaranteed.....			31.84
3847*	G. F. A. No. 5.....	H. A. Barton, Orange.....	37.13	
	Guaranteed.....			37.08
4062	G. F. A. No. 5.....	W. C. Fertig, Lindsay.....	35.04	
	Guaranteed .....			34.47
3846*	G. F. A. No. 6.....	H. A. Barton, Orange.....	30.56	
	Guaranteed.....			32.52
3824	G. F. A. No. 11.....	J. Schwab, Ontario.....	31.53	
	Guaranteed.....			32.25
3917	G. F. A. No. 15.....	P. J. Bollinger, Riverside.....	35.03	
	Guaranteed.....			36.87
3844	Guano .....	C. E. Bowlshy, Rialto.....	25.63	
	Guaranteed.....			26.16
4061*	Lindsay Special.....	W. C. Fertig, Lindsay.....	33.46	
	Guaranteed.....			34.39
4046	Nitrate of Lime.....	Wright Bros., Riverside.....	36.57	
	Guaranteed.....			36.66
3674	Nitrate of Soda.....	Redlands Fertilizer Assn., Redlands.....	42.84	
3711	Nitrate of Soda.....	Cucamonga C. F. G. Assn., Cucamonga..	43.15	
3879	Nitrate of Soda.....	F. A. Springstead, El Cajon.....	43.28	

\*3878—64% fine.

\*3913—55% fine.

\*3855—Rock Phosphate present.

\*3845—Derivations not guaranteed.

## ANALYSES AND VALUATIONS—Continued.

## POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3798	.....	.....	.....	.....	.....	.....	12.09	.....	12.09	.....	.....	.....
3915	.....	.....	.....	.....	.....	.....	13.02	.....	13.02	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	11.80	.....	11.80	.....	.....	.....
4238	.....	.....	.....	.....	.....	.....	13.80	.....	13.80	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	13.67	.....	13.67	.....	.....	.....
3878	.....	.....	22.30	.....	.....	.....	2.91	.....	2.91	.....	.....	.....
.....	.....	.....	25.00	.....	.....	.....	2.50	.....	2.50	.....	.....	.....
3913	.....	.....	23.90	.....	.....	.....	3.06	.....	3.06	.....	.....	.....
.....	.....	.....	28.00	.....	.....	.....	2.50	.....	2.50	.....	.....	.....
3686	13.54	7.86	21.40	.....	.....	.....	0.65	.....	0.65	10.66	10.66	0.80
3722	13.95	7.65	21.60	.....	.....	.....	0.50	.....	0.50	12.33	12.33	.....
3726	14.36	7.04	21.40	.....	.....	.....	0.52	.....	0.52	11.68	11.68	.....
3751	14.66	6.34	21.00	.....	.....	.....	0.53	.....	0.53	11.89	11.89	0.80
3764	14.78	6.62	21.40	.....	.....	.....	0.50	.....	0.50	12.75	12.75	.....
.....	12.50	6.50	19.00	Super, Bn	.....	.....	0.75	Bn	0.75	12.00	12.00	.....
4042	.....	.....	10.35	.....	2.37	.....	1.35	.....	3.72	2.00	2.00	.....
4237	4.73	6.52	11.25	.....	2.25	.....	1.28	.....	3.53	2.27	2.27	.....
.....	.....	.....	10.00	Bn, G	1.50	.....	2.62	Bl, Bn, G	4.12	2.00	2.00	.....
3687	6.42	4.88	11.30	.....	0.47	0.15	1.45	.....	2.07	4.25	4.25	.....
.....	7.00	3.00	10.00	Super, Bn, G	.....	.....	1.65	Bl, Bn, G	1.65	5.00	5.00	.....
3855	10.30	8.50	18.80	.....	1.06	0.10	1.06	.....	2.22	4.84	4.84	.....
.....	7.00	3.00	10.00	Super, Bn, G	.....	.....	1.65	Bl, Bn, G	1.65	5.00	5.00	.....
3845	7.05	2.80	9.85	.....	1.55	.....	1.40	.....	2.95	7.90	7.90	0.75
.....	7.00	2.50	9.50	.....	.....	.....	.....	.....	2.90	8.00	8.00	.....
3847	6.63	5.12	11.75	.....	2.15	0.15	3.30	.....	5.60	.....	3.28	1.20
.....	8.00	4.00	12.00	.....	.....	.....	.....	.....	5.00	.....	2.00	.....
4062	11.15	4.30	15.45	.....	2.42	0.15	1.91	.....	4.48	.....	3.09	1.00
.....	8.00	4.00	12.00	Super, Bn	1.50	.....	3.50	Bl, Bn	5.00	.....	2.00	.....
3846	8.74	3.16	11.90	.....	1.76	.....	1.56	.....	3.32	5.78	5.78	0.70
.....	8.00	4.00	12.00	.....	.....	.....	.....	.....	3.00	6.00	6.00	.....
3824	11.58	7.22	18.80	.....	.....	.....	1.25	.....	1.25	6.17	6.17	0.65
.....	12.00	6.00	18.00	Bn, G	.....	.....	1.50	Bl, Bn, G	1.50	6.50	6.50	.....
3917	14.30	5.50	19.80	.....	.....	.....	0.96	.....	0.96	9.52	9.52	.....
.....	12.00	8.00	20.00	Bat G, Bn	.....	.....	1.20	Bat G, Bn	1.20	10.00	10.00	.....
3844	.....	.....	18.40	.....	0.69	.....	1.16	.....	1.85	.....	0.54	.....
.....	.....	.....	18.82	.....	.....	.....	1.61	.....	1.61	.....	0.80	.....
4061	7.82	1.68	9.50	.....	.....	.....	3.91	.....	3.91	.....	5.38	1.20
.....	8.50	1.50	10.00	.....	.....	.....	4.35	.....	4.35	.....	4.00	.....
4046	.....	.....	.....	.....	12.97	.....	.....	.....	12.97	.....	.....	.....
.....	.....	.....	.....	.....	13.00	.....	.....	.....	13.00	.....	.....	.....
3674	.....	.....	.....	.....	15.19	.....	.....	.....	15.19	.....	.....	.....
3711	.....	.....	.....	.....	15.30	.....	.....	.....	15.30	.....	.....	.....
3879	.....	.....	.....	.....	15.35	.....	.....	.....	15.35	.....	.....	.....

\*3847—Derivations not guaranteed.

\*4061—Derivations not guaranteed.

\*3846—Derivations not guaranteed.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
General Fertilizer Association				
—Continued.				
4174	Nitrate of Soda.....	Fontana Development Co., Rialto.....	44.02	
	Guaranteed.....		42.30	
3619	Orange and Lemon No. 1.....	Gordon Nelson, Byrn Mawr.....	32.51	
	Guaranteed.....		30.46	
3673*	Orange and Lemon No. 1.....	Redlands Fertilizer Assn., Redlands.....	32.70	
	Guaranteed.....		33.94	
3715	Orange and Lemon No. 1.....	Cucamonga C. F. G. Assn., Cucamonga..	34.47	
	Guaranteed.....		31.33	
3947	Orange and Lemon No. 1.....	Redlands Fertilizer Assn., Redlands.....	30.46	
	Guaranteed.....		31.15	
3955	Orange and Lemon No. 1.....	Fred Hiser, Colton.....	28.53	
	Guaranteed.....		31.54	
3819	San Dimas.....	L. S. Taylor, San Dimas.....	34.30	
	Guaranteed.....		32.10	
3666*	Special .....	Redlands Fertilizer Assn., Redlands.....	34.82	
	Guaranteed.....		35.36	
3667*	Special .....	Redlands Fertilizer Assn., Redlands.....	32.45	
	Guaranteed.....		32.52	
3670*	Special .....	J. D. Langford, Redlands.....	31.68	
	Guaranteed.....		32.47	
3671*	Special .....	J. D. Langford, Redlands.....	30.31	
	Guaranteed.....		34.75	
3672*	Special .....	J. D. Langford, Redlands.....	31.91	
	Guaranteed.....		37.36	
3713*	Special .....	W. F. Grow, Highland.....	32.58	
	Guaranteed.....		32.52	
4003	Special .....	D. B. Lee, Ontario.....	46.62	
	Guaranteed.....		45.92	
4022	Special .....	C. A. Crosby, Riverside.....	27.15	
4023	Special .....	C. A. Crosby, Riverside.....	31.59	
4024	Special .....	C. A. Crosby, Riverside.....	30.01	
	Guaranteed.....		31.60	
4164	Special .....	C. H. Clock, Redlands.....	34.72	
	Guaranteed.....		36.44	
4171*	Special .....	Fontana Development Co., Rialto.....	44.05	
	Guaranteed.....		49.77	
4195	Special .....	Tustin Lemon Association, Tustin.....	26.57	
4198	Special .....	Tustin Lemon Association, Tustin.....	30.54	
	Guaranteed.....		33.44	
4196	Special .....	Tustin Lemon Association, Tustin.....	23.22	
	Guaranteed.....		23.36	

\*3673—Derivations not guaranteed.

\*3955—Derivations not guaranteed. Discrepancy in valuation due to inadequacy of guaranty.

\*3666—Derivations not guaranteed.

\*3667—Derivations not guaranteed.

\*3670—Derivations not guaranteed.

\*3671—Derivations not guaranteed.

## ANALYSES AND VALUATIONS—Continued.

## POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4174	.....	.....	.....	.....	15.61	.....	.....	.....	15.61	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
3619	7.16	5.64	12.80	.....	1.89	.....	2.06	.....	3.95	4.38	<b>4.38</b>	0.77
.....	5.00	5.00	10.00	Super, Bn	2.00	.....	2.00	Bl, Bn, G	4.00	5.00	5.00	.....
3673	6.14	4.46	10.60	.....	1.72	0.10	2.21	.....	4.03	6.02	6.02	0.92
.....	6.00	4.00	10.00	.....	.....	.....	.....	.....	4.00	5.00	5.00	.....
3715	9.13	4.22	13.35	.....	2.46	0.34	1.45	.....	4.25	5.57	5.57	0.75
.....	6.00	4.00	10.00	Super, Bn, G	1.50	.....	2.50	Bl, Bn, G	4.00	5.00	5.00	.....
3947	5.49	5.56	11.05	.....	1.78	.....	1.80	.....	<b>3.58</b>	5.43	5.43	0.80
.....	6.00	4.00	10.00	Bn, G	1.60	.....	2.40	Bn, G	4.00	5.00	5.00	.....
3955	5.34	5.36	10.70	.....	1.62	.....	2.33	.....	3.95	4.57	4.57	0.75
.....	6.00	4.00	10.00	.....	.....	.....	4.00	.....	4.00	5.00	5.00	.....
3819	.....	.....	17.25	.....	.....	.....	1.00	.....	1.00	10.96	10.96	.....
.....	.....	.....	15.00	Bn	.....	.....	1.25	Bl, Bn	1.25	10.00	10.00	.....
3666	6.20	3.30	9.50	.....	1.71	0.10	2.24	.....	4.05	8.71	8.71	0.88
.....	.....	8.00	.....	.....	.....	.....	.....	.....	4.00	8.00	8.00	.....
3667	7.15	5.60	12.75	.....	1.06	0.10	2.04	.....	3.20	6.18	6.18	0.75
.....	.....	12.00	.....	.....	.....	.....	.....	.....	3.00	6.00	6.00	.....
3670	5.77	5.28	11.05	.....	1.87	0.20	2.70	.....	4.77	2.04	2.04	0.75
.....	6.00	4.00	10.00	.....	1.50	.....	3.50	.....	5.00	2.00	2.00	.....
3671	6.79	3.96	10.75	.....	1.61	0.10	2.15	.....	<b>3.86</b>	4.26	4.26	0.80
.....	6.00	4.00	10.00	.....	1.50	.....	3.50	.....	5.00	4.00	4.00	.....
3672	.....	.....	9.20	.....	2.27	0.10	2.40	.....	4.77	.....	4.38	1.00
.....	.....	10.00	.....	.....	.....	.....	.....	.....	5.00	.....	4.00	.....
3713	.....	.....	12.60	.....	0.50	0.10	2.82	.....	3.42	4.69	4.69	.....
.....	.....	12.00	.....	.....	.....	.....	.....	.....	3.50	4.00	4.00	.....
4003	8.73	4.52	13.25	.....	.....	.....	6.11	.....	6.11	.....	4.84	1.60
.....	6.50	7.50	14.00	Bn, T	.....	.....	6.00	Bn, T	6.00	4.00	4.00	.....
4022	.....	.....	<b>8.80</b>	.....	1.80	0.30	2.08	.....	<b>4.18</b>	2.40	2.40	.....
4023	.....	.....	10.90	.....	1.73	.....	2.75	.....	<b>4.48</b>	2.88	2.88	.....
4024	.....	.....	9.80	.....	1.84	0.20	2.50	.....	<b>4.54</b>	2.55	2.55	.....
.....	.....	10.00	Bn, G	2.00	.....	.....	3.00	Bl, Bn, G	5.00	2.00	2.00	.....
4164	.....	.....	7.30	.....	1.92	0.15	3.60	.....	<b>5.67</b>	.....	4.44	1.62
.....	.....	8.00	Bn, G	2.00	.....	.....	4.00	Bl, Bn, G	6.00	4.00	4.00	.....
4171	9.90	2.00	11.90	.....	1.77	1.65	3.03	.....	6.45	6.54	6.54	0.75
.....	5.10	7.37	12.47	Bn, G	.....	.....	.....	Bl, Bn, G	6.68	6.00	6.00	.....
4195	<b>4.95</b>	4.20	9.15	.....	2.35	.....	1.70	.....	<b>4.05</b>	2.67	2.67	.....
4198	<b>4.33</b>	6.72	11.05	.....	2.16	.....	2.12	.....	4.28	3.27	3.27	.....
.....	8.00	4.00	12.00	Super, Bn, G	1.50	.....	3.00	Bl, Bn, G	4.50	3.10	3.10	.....
4196	13.70	0.40	14.10	.....	2.12	.....	.....	.....	2.12	3.83	3.83	.....
.....	14.00	1.00	15.00	Super	2.00	.....	.....	.....	2.00	4.00	4.00	.....

\*3672—Derivations not guaranteed. Discrepancy in valuation due to inadequacy of guaranty.

\*4171—Discrepancy in valuation due to inadequacy of guaranty.

\*3713—Derivations not guaranteed.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
General Fertilizer Association —Continued.				
4197	Special .....	Tustin Lemon Association, Tustin.....	32.15	
	Guaranteed.....		31.38	
4221	Special .....	C. L. Clock, Redlands.....	32.52	
	Guaranteed.....		37.31	
3712	Special No. 2.....	Cucamonga C. F. G. Assn., Cucamonga..	31.11	
	Guaranteed.....		28.46	
3916*	Special Orange.....	P. J. Bollinger, Riverside.....	32.10	
	Guaranteed.....		36.05	
3954	Special Orange.....	Fred Hiser, Colton.....	48.78	
	Guaranteed.....		48.64	
3963*	Special Orange.....	J. E. Schermerhorn, Colton.....	32.64	
	Guaranteed.....		35.34	
4004	Special Orange.....	Bemis Bros. & McCullough, Rialto.....	35.45	
	Guaranteed.....		34.16	
3996*	Special Orange and Lemon No. 1..	E. A. Bemis, Rialto.....	31.36	
3997*	Special Orange and Lemon No. 1..	E. A. Bemis, Rialto.....	34.35	
	Guaranteed.....		37.00	
3817*	Special Orange No. 15.....	B. E. Sibley, Rialto.....	36.61	
	Guaranteed.....		36.87	
4173	Sulfate of Potash.....	Fontana Development Co., Rialto.....	56.04	
	Guaranteed.....		55.86	
3903	Superphosphate .....	H. D. Derwin, Upland.....		
	Sold on Station Analysis.			
4048	Superphosphate .....	F. D. Parker, Hollywood.....	20.02	
	Guaranteed.....		21.86	
4172	Superphosphate .....	Fontana Development Co., Rialto.....	21.19	
	Guaranteed.....		22.56	
3799*	Tankage .....	Limoneira Ranch, Santa Paula.....		
3800*	Tankage .....	Limoneira Ranch, Santa Paula.....		
	Sold on Station Analysis.			
3914*	Tankage .....	P. J. Bollinger, Riverside.....	46.26	
	Guaranteed.....		44.08	
4043*	Tankage .....	R. C. Hoyt, Riverside.....	49.65	
	Guaranteed.....		49.23	
4200*	Tankage .....	C. C. Chapman, Fullerton.....	44.32	
	Guaranteed.....		42.69	
4194	Tankage and Bat Guano.....	Tustin Lemon Assn., Tustin.....	35.56	
	Guaranteed.....		38.78	
3861	Whittier Citrus .....	Whittier Citrus Assn., Whittier.....	42.98	
	Guaranteed.....		40.52	

\* 3916—Derivations not guaranteed. Discrepancy in valuation due to inadequacy of guaranty.

\* 3963—Derivations not guaranteed.

\* 3996—Derivations not guaranteed. Discrepancy in valuation due to inadequacy of guaranty.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4197	6.20	7.10	13.30	.....	1.63	.....	1.65	.....	3.28	5.90	5.90	.....
.....	7.00	5.00	12.00	<i>Super, Bn, G</i>	.....	.....	.....	<i>Bl, Bn, G</i>	3.00	5.00	5.00	.....
4221	.....	.....	7.50	.....	2.38	.....	3.00	.....	5.38	.....	4.06	1.60
.....	.....	.....	8.00	<i>Bn, G</i>	1.50	.....	4.50	<i>Bl, Bn, G</i>	6.00	4.00	4.00	.....
3712	8.04	4.96	13.00	.....	2.44	0.30	1.56	.....	4.30	2.68	2.68	0.77
.....	7.00	3.00	10.00	<i>Super, Bn, G</i>	1.50	.....	2.62	<i>Bl, Bn, G</i>	4.12	2.00	2.00	.....
3916	6.55	3.80	10.35	.....	1.58	0.10	2.97	.....	4.65	2.98	2.98	.....
.....	.....	.....	12.00	.....	.....	.....	.....	.....	4.50	3.10	3.10	.....
3954	.....	.....	5.20	.....	.....	.....	8.45	.....	8.45	5.53	5.53	.....
.....	.....	.....	1.00	<i>T</i>	.....	.....	9.00	<i>T</i>	9.00	6.00	6.00	.....
3963	.....	.....	13.65	.....	2.07	.....	3.75	.....	4.82	.....	3.41	1.20
.....	.....	.....	12.00	.....	.....	.....	.....	.....	5.00	3.00	3.00	.....
4004	.....	.....	8.75	.....	1.99	0.20	3.76	.....	5.95	.....	2.83	1.50
.....	.....	.....	8.00	<i>Bn, G</i>	2.00	.....	4.00	<i>G. T</i>	6.00	.....	2.00	.....
3996	.....	.....	8.75	.....	2.09	0.20	2.91	.....	5.20	.....	3.01	1.40
3997	.....	.....	8.75	.....	2.16	0.20	3.75	.....	6.11	.....	2.10	1.65
.....	.....	.....	8.00	.....	.....	.....	.....	.....	6.00	2.00	2.00	.....
3817	14.08	8.12	22.20	.....	.....	.....	0.97	.....	0.97	8.76	8.76	.....
.....	12.00	8.00	20.00	.....	.....	.....	.....	.....	1.20	10.00	10.00	.....
4173	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.16	49.16	1.50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.00	49.00	.....
3903	21.40	0.30	21.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
4048	22.36	0.34	22.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	23.25	1.07	24.32	.....	.....	.....	.....	.....	.....	.....	.....	.....
4172	22.54	0.36	22.90	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	24.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
3799	.....	.....	6.15	.....	.....	.....	8.28	.....	8.28	.....	.....	.....
3800	.....	.....	7.85	.....	.....	.....	8.46	.....	8.46	.....	.....	.....
3914	.....	.....	11.55	.....	.....	.....	8.22	.....	8.22	.....	.....	.....
.....	.....	.....	10.00	<i>Bn</i>	.....	.....	8.00	<i>Bl, Bn</i>	8.00	.....	.....	.....
4043	.....	.....	5.70	.....	.....	.....	9.94	.....	9.94	.....	.....	.....
.....	.....	.....	5.50	<i>Bn</i>	.....	.....	9.88	<i>Bl, Bn</i>	9.88	.....	.....	.....
4200	.....	.....	6.60	.....	.....	.....	8.62	.....	8.62	.....	.....	.....
.....	.....	.....	6.86	<i>Bn</i>	.....	.....	8.22	<i>Bl, Bn</i>	8.22	.....	.....	.....
4194	4.06	4.44	8.50	.....	1.05	0.30	5.05	.....	6.40	.....	.....	.....
.....	6.00	2.00	8.00	.....	.....	.....	6.75	.....	6.75	.....	.....	.....
3861	.....	.....	22.10	.....	.....	.....	2.00	<i>Bn</i>	2.00	10.00	10.00	.....
.....	.....	.....	20.00	<i>Bn,</i>	.....	.....	2.18	.....	2.18	9.60	9.60	0.80

\*3997—Derivations not guaranteed. Discrepancy in valuation due to inadequacy of guaranty.

\*3817—Derivations not guaranteed.

\*3799—64% fine.

\*3800—62% fine.

\*3914—73% fine.

\*4043—66% fine.

\*4200—63% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
<b>Hauser Packing Co., Los Angeles, Cal.</b>				
3998	Blood .....	Fitzgerald & Barry, Los Angeles.....		
	<i>Sold on Station Analysis.</i>			
3886*	Tankage .....	Benchley Fruit Co., Fullerton.....		40.85
	<i>Guaranteed.....</i>			40.96
3894	Tankage .....	C. H. Clock, Redlands.....		
3895*	Tankage .....	C. H. Clock, Redlands.....		
3959*	Tankage .....	C. L. Clock, Redlands.....		
3976*	Tankage .....	H. Latimer, Arlington.....		
4005*	Tankage .....	H. Latimer, Arlington.....		
4006*	Tankage .....	H. Latimer, Arlington.....		
4007*	Tankage .....	H. Latimer, Arlington.....		
4020*	Tankage .....	Sugar Loaf O. G. Assn., Highgrove.....		
	<i>Sold on Station Analysis.</i>			
<b>Hawaiian Fertilizer Co., San Francisco Cal.</b>				
4064	Nitrate of Soda.....	W. E. Porter, Lindsay.....		43.68
	<i>Guaranteed.....</i>			42.30
4117*	Slag .....	M. Braughler, Santa Rosa.....		13.44
	<i>Guaranteed.....</i>			13.44
4063*	Special .....	W. E. Porter, Lindsay.....		35.55
	<i>Guaranteed.....</i>			38.21
4188*	Special .....	W. R. Burch, San Francisco.....		17.27
	<i>Guaranteed.....</i>			20.80
4245*	Special .....	W. R. Burch, San Francisco.....		22.05
	<i>Guaranteed.....</i>			21.90
4189*	Superphosphate .....	W. R. Burch, San Francisco.....		11.97
	<i>Guaranteed.....</i>			15.98
<b>Thomas Lewis, Sacramento, Cal.</b>				
4128*	Tom Lewis.....	J. S. Morrow, Fair Oaks.....		5.35
	<i>Guaranteed.....</i>			6.00
<b>Los Angeles Fertilizer Co., Los Angeles, Cal.</b>				
3749	Bone and Potash.....	J. D. McClenny, Pomona.....		35.30
3774	Bone and Potash.....	E. F. Wilson, Upland.....		34.55
	<i>Guaranteed.....</i>			35.10
3750	Bone and Potash.....	J. D. McClenny, Pomona.....		42.96
	<i>Guaranteed.....</i>			45.81
<hr/>				
*3886—46% fine.		*4006—63% fine.		
*3894—62% fine. Some hoof.		*4007—63% fine.		
*3895—69% fine. Some hoof.		*4020—63% fine. Some hoof.		
*3959—75% fine.		*4117—A mixture of Thomas Slag and		
*3976—56% fine.		Superphosphate.		
*4005—61% fine.				

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3998	.....	.....	.....	.....	.....	.....	12.28	.....	12.28	.....	.....	.....
3886	.....	.....	12.55	.....	.....	.....	6.87	.....	<b>6.87</b>	.....	.....	.....
.....	.....	.....	9.50	.....	.....	.....	7.40	.....	7.40	.....	.....	.....
3894	.....	.....	14.05	.....	.....	.....	5.89	.....	5.89	.....	.....	.....
3895	.....	.....	10.65	.....	.....	.....	6.20	.....	6.20	.....	.....	.....
3959	.....	.....	10.20	.....	.....	.....	6.98	.....	6.98	.....	.....	.....
3976	.....	.....	8.50	.....	.....	.....	6.41	.....	6.41	.....	.....	.....
4005	.....	.....	11.90	.....	.....	.....	6.17	.....	6.17	.....	.....	.....
4006	.....	.....	11.90	.....	.....	.....	6.69	.....	6.69	.....	.....	.....
4007	.....	.....	13.40	.....	.....	.....	6.50	.....	6.50	.....	.....	.....
4020	.....	.....	13.40	.....	.....	.....	6.53	.....	6.53	.....	.....	.....
4064	.....	.....	.....	.....	15.49	.....	.....	.....	15.49	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
4117	8.20	7.80	16.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
4063	9.34	1.16	10.50	.....	2.00	2.67	1.46	.....	6.13	2.81	2.81	.....
.....	8.00	.....	.....	<i>Super, Bn, G</i>	.....	.....	.....	<i>Bn, G, T</i>	6.00	2.50	2.50	.....
4188	6.34	3.76	10.10	.....	.....	.....	.....	.....	.....	.....	9.93	4.45
.....	.....	.....	10.00	<i>Super</i>	.....	.....	.....	.....	.....	10.00	10.00	.....
4245	.....	.....	12.60	.....	.....	.....	.....	.....	.....	.....	10.06	3.00
.....	.....	.....	12.50	<i>T. P. P.</i>	.....	.....	.....	.....	.....	10.00	10.00	.....
4189	12.74	4.06	16.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	17.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
4128	.....	.....	1.70	.....	.....	.....	0.80	.....	0.80	.....	0.33	.....
.....	.....	.....	1.63	.....	.....	.....	0.96	.....	0.96	.....	0.21	.....
3749	.....	.....	19.20	.....	.....	.....	2.11	.....	2.11	5.70	<b>5.70</b>	.....
3774	.....	.....	17.30	.....	.....	.....	2.06	.....	2.06	6.90	6.90	0.60
.....	.....	.....	18.00	<i>Bn</i>	.....	.....	2.00	<i>Bn</i>	2.00	7.00	7.00	.....
3750	.....	.....	<b>9.65</b>	.....	.....	.....	1.09	.....	1.09	24.86	<b>24.86</b>	0.75
.....	.....	.....	10.85	<i>Super, Bn, T</i>	.....	.....	1.10	<i>Bn, T</i>	1.10	26.27	26.27	.....

\*4063—Discrepancy in valuation due to inadequacy of guaranty.

\*4188—Chlorin excessive. Discrepancy in valuation due to inadequacy of guaranty.

\*4245—Chlorin excessive.

\*4189—Discrepancy in valuation due to inadequacy of guaranty.

\*4128—Not properly labeled. Negligible quantities of plant foods present.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Los Angeles Fertilizer Co.—				
Continued.				
3743	Fruit Grower.....	J. D. McClenny, Pomona.....		25.14
3776	Fruit Grower.....	E. F. Wilson, Upland.....		27.20
	Guaranteed.....			23.20
3748	Fruitmore .....	J. D. McClenny, Pomona.....		32.28
3777	Fruitmore .....	E. F. Wilson, Upland.....		30.83
	Guaranteed.....			30.01
3746	Hanson's Odorless Lawn.....	J. D. McClenny, Pomona.....		22.99
3794	Hanson's Odorless Lawn.....	E. F. Wilson, Upland.....		24.79
	Guaranteed.....			22.22
3766	Justright .....	E. F. Wilson, Upland.....		27.26
	Guaranteed.....			28.16
3762*	L. A. Bone Meal.....	E. F. Wilson, Upland.....		38.25
3818*	L. A. Bone Meal.....	J. S. Benner, San Bernardino.....		37.81
3833*	L. A. Bone Meal.....	Covina Citrus Assn., Covina.....		36.64
	Guaranteed.....			34.40
3744	L. A. Garden and Lawn.....	J. D. McClenny, Pomona.....		26.25
	Guaranteed.....			24.29
3763	Orangeaid .....	E. F. Wilson, Upland.....		31.99
	Guaranteed.....			32.36
3761*	Special .....	E. F. Wilson, Upland.....		41.48
	Guaranteed.....			37.62
3775	Special Fruit Grower.....	E. F. Wilson, Upland.....		31.25
3944	Special Fruit Grower.....	Jonas & Wright, Rialto.....		30.07
4032	Special Fruit Grower.....	H. E. Winslow, Rialto.....		30.90
	Guaranteed.....			30.32
3745	Spring Special.....	J. D. McClenny, Pomona.....		29.68
3778	Spring Special.....	E. F. Wilson, Upland.....		31.29
3945	Spring Special.....	Jonas & Wright, Rialto.....		30.29
	Guaranteed.....			31.60
3767	Spring Special.....	E. F. Wilson, Upland.....		31.85
	Guaranteed.....			30.60
3700	Sulfate of Potash.....	Windermere Ranch, La Mirada.....		57.32
	Guaranteed.....			56.41
3747*	Tankage .....	J. D. McClenny, Pomona.....		29.96
	Guaranteed.....			30.40
3779*	Tankage .....	E. F. Wilson, Upland.....		39.27
	Guaranteed.....			37.39

\*3762—45% fine.

\*3818—43% fine.

\*3833—42% fine. Some hoof.

\*3761—Derivations not guaranteed.

## ANALYSES AND VALUATIONS—Continued.

## POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3743	6.47	1.88	8.35	.....	1.28	0.20	1.80	.....	3.28	3.75	3.75	.....
3776	7.40	2.80	10.20	.....	1.62	.....	1.89	.....	3.51	3.36	3.36	.....
.....	6.00	2.00	8.00	Super, Bn, T	0.75	0.60	1.65	Bl, Bn, T	3.00	3.00	3.00	.....
3748	10.17	2.48	12.65	.....	1.03	0.15	1.87	.....	3.05	6.72	6.72	0.68
3777	11.80	1.80	13.60	.....	0.96	0.15	1.40	.....	2.51	6.68	6.68	.....
.....	9.00	2.50	11.50	Super, Bn, T	0.50	.....	2.00	Bl, Bn, T	2.50	7.00	7.00	.....
3746	7.91	0.44	8.35	.....	3.96	.....	.....	.....	3.96	3.85	3.85	.....
3794	8.06	0.54	8.60	.....	4.48	.....	.....	.....	4.48	4.03	4.03	.....
.....	8.00	0.50	8.50	Super	4.00	.....	.....	.....	4.00	3.00	3.00	.....
3766	8.36	1.24	9.60	.....	1.10	.....	0.90	.....	2.00	9.18	9.18	.....
.....	7.00	2.00	9.00	Super, Bn	0.50	0.50	1.00	Bl, Bn	2.00	10.00	10.00	.....
3762	.....	.....	23.80	.....	.....	.....	3.17	.....	3.17	.....	.....	.....
3818	.....	.....	23.00	.....	.....	.....	3.25	.....	3.25	.....	.....	.....
3833	.....	.....	22.60	.....	.....	.....	3.08	.....	3.08	.....	.....	.....
.....	.....	.....	23.00	.....	.....	.....	2.50	.....	2.50	.....	.....	.....
3744	5.61	2.24	7.85	.....	1.35	0.20	1.90	.....	3.45	4.59	4.59	.....
.....	5.00	1.00	6.00	Super, Bn, T	1.00	0.50	2.00	Bl, Bn, T	3.50	4.00	4.00	.....
3763	8.56	2.24	10.80	.....	1.77	0.15	1.70	.....	3.62	6.94	6.94	.....
.....	8.00	2.00	10.00	Super, Bn, G	1.00	1.00	2.00	Bl, Bn G, T	4.00	6.00	6.00	.....
3761	.....	.....	13.25	.....	.....	.....	5.85	.....	5.85	.....	4.17	1.40
.....	.....	.....	12.00	.....	.....	.....	.....	.....	5.00	.....	5.00	.....
3775	8.38	3.62	12.00	.....	1.70	0.20	2.00	.....	3.90	4.06	4.06	.....
3944	8.63	1.72	10.35	.....	1.31	0.93	1.80	.....	4.04	3.94	3.94	.....
4032	9.04	1.66	10.70	.....	1.53	1.00	1.76	.....	4.29	3.77	3.77	.....
.....	8.00	2.00	10.00	Super, Bn, T	1.00	0.75	2.25	Bl, Bn, T	4.00	4.00	4.00	.....
3745	9.06	1.24	10.30	.....	2.67	.....	2.10	.....	4.77	2.00	2.00	.....
3778	8.00	1.90	9.90	.....	3.44	.....	2.04	.....	5.48	2.10	2.10	.....
3945	7.58	2.62	10.20	.....	2.34	1.09	1.50	.....	4.93	2.41	2.41	.....
.....	8.00	2.00	10.00	Super, Bn, T	2.00	.....	3.00	Bl, Bn, T	5.00	2.00	2.00	.....
3767	8.47	1.68	10.15	.....	3.00	.....	2.32	.....	5.32	2.34	2.34	.....
.....	8.00	1.00	9.00	Super, Bn, T	2.00	.....	3.00	Bl, Bn, T	5.00	2.00	2.00	.....
3700	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.28	50.28	1.20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.48	49.48	.....
3747	.....	.....	11.65	.....	.....	.....	4.63	.....	4.63	.....	.....	.....
.....	.....	.....	10.00	Bn	.....	.....	5.00	Bl, Bn	5.00	.....	.....	.....
3779	.....	.....	15.50	.....	.....	.....	6.01	.....	6.01	.....	.....	.....
.....	.....	.....	15.00	Bn	.....	.....	5.70	Bl, Bn	5.70	.....	.....	.....

\*3747—84% fine.

\*3779—84% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Los Angeles Fertilizer Co.— <i>Continued.</i>				
3853*	Tankage .....	A. W. Towne, Pomona.....		30.06
	<i>Guaranteed</i> .....			21.28
4179*	Tankage .....	Geo. Adamson, Pomona.....		47.91
	<i>Guaranteed</i> .....			47.38
3760	T. and P.....	E. F. Wilson, Upland.....		37.01
	<i>Guaranteed</i> .....			36.48
3727	Three Queens Brand.....	W. T. Schaffner, Upland.....		34.73
	<i>Guaranteed</i> .....			35.10
Morris & Co., Chicago, Ill.				
3787	Blood .....	Glendora Citrus Assn., Glendora.....		65.53
3865	Blood .....	Glendora Citrus Assn., Glendora.....		60.60
	<i>Guaranteed</i> .....			66.08
3939	Blood .....	Glendora Citrus Assn., Glendora.....		
	<i>Sold on Station Analysis.</i>			
3831	Pacific Big 1.....	Covina Citrus Assn., Covina.....		37.31
	<i>Guaranteed</i> .....			36.30
3810*	Pacific Big 2.....	L. E. Loveland, Pomona.....		40.42
3834*	Pacific Big 2.....	Covina Citrus Assn., Covina.....		38.46
3862*	Pacific Big 2.....	A. A. Cox, San Bernardino.....		40.04
3999*	Pacific Big 2.....	Fitzgerald & Barry, Los Angeles.....		37.24
4000*	Pacific Big 2.....	Fitzgerald & Barry, Los Angeles.....		37.25
	<i>Guaranteed</i> .....			39.26
3788*	Pacific Big 4.....	Glendora Citrus Assn., Glendora.....		49.08
3830*	Pacific Big 4.....	San Dimas Citrus Nurseries, San Dimas.....		46.79
3884*	Pacific Big 4.....	C. C. Chapman, Fullerton.....		48.73
3885*	Pacific Big 4.....	C. C. Chapman, Fullerton.....		48.91
3920*	Pacific Big 4.....	J. R. McKinley, Rialto.....		50.16
3940*	Pacific Big 4.....	Glendora Citrus Assn., Glendora.....		49.25
3961*	Pacific Big 4.....	A. W. Richards, Claremont.....		48.74
3992*	Pacific Big 4.....	W. A. Nichols, Redlands.....		48.92
4035*	Pacific Big 4.....	Rialto Orange Co., Rialto.....		47.80
4051*	Pacific Big 4.....	E. L. Decker, Pomona.....		49.20
	<i>Guaranteed</i> .....			49.23
4203	Pacific Big 5.....	G. F. North, Los Angeles.....		41.33
	<i>Guaranteed</i> .....			41.33
3689*	Pacific Big 6.....	C. C. Chapman, Fullerton.....		34.19
	<i>Guaranteed</i> .....			31.74
3815	Pacific Big 8.....	R. J. Laidlaw, Placentia.....		42.85
	<i>Guaranteed</i> .....			40.96
3851*	Pacific Big 9.....	N. F. Morse, Fullerton.....		45.33

\*3853—63% fine. Some hoof.

\*4179—67% fine.

\*3810—67% fine.

\*3834—72% fine.

\*3862—67% fine.

\*3999—60% fine.

\*4000—61% fine.

\*3788—75% fine.

\*3830—80% fine.

\*3884—82% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	POUNDS PER HUNDRED.				POUNDS PER HUNDRED.				POTASH		CHLORIN	
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.		Total.
3853	.....	.....	11.00	.....	.....	.....	4.76	.....	4.76	.....	.....	.....
.....	.....	.....	10.00	Bn	.....	.....	3.00	Bl, Bn	3.00	.....	.....	.....
4179	.....	.....	7.25	.....	.....	.....	9.30	.....	9.30	.....	.....	.....
.....	.....	.....	5.35	Bn	.....	.....	9.50	Bl, Bn	9.50	.....	.....	.....
3760	.....	.....	12.55	.....	.....	.....	4.76	.....	4.76	5.07	5.07	0.95
.....	.....	.....	12.00	Bn	.....	.....	5.00	Bl, Bn	5.00	4.00	4.00	.....
3727	10.53	7.72	18.25	.....	.....	.....	1.93	.....	1.93	6.74	6.74	.....
.....	.....	.....	18.00	Bn	.....	.....	2.00	Bn	2.00	7.00	7.00	.....
3787	.....	.....	.....	.....	.....	.....	13.46	.....	13.46	.....	.....	.....
3865	.....	.....	.....	.....	.....	.....	12.84	.....	12.84	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	14.00	.....	14.00	.....	.....	.....
3939	.....	.....	.....	.....	.....	.....	13.64	.....	13.64	.....	.....	.....
3831	.....	.....	28.20	.....	.....	.....	1.06	.....	1.06	3.75	3.75	.....
.....	.....	.....	28.00	Bn	.....	.....	0.82	Bn	0.82	4.00	4.00	.....
3810	.....	.....	27.20	.....	.....	.....	2.90	.....	2.90	.....	.....	.....
3834	.....	.....	28.20	.....	.....	.....	2.25	.....	2.25	.....	.....	.....
3862	.....	.....	27.60	.....	.....	.....	2.73	.....	2.73	.....	.....	.....
3999	.....	.....	26.30	.....	.....	.....	2.40	.....	2.40	.....	.....	.....
4000	.....	.....	25.90	.....	.....	.....	2.49	.....	2.49	.....	.....	.....
.....	.....	.....	28.00	Bn	.....	.....	2.47	Bn	2.47	.....	.....	.....
3788	.....	.....	5.55	.....	.....	.....	9.84	.....	9.84	.....	.....	.....
3830	.....	.....	6.20	.....	.....	.....	9.23	.....	9.23	.....	.....	.....
3884	.....	.....	6.30	.....	.....	.....	9.64	.....	9.64	.....	.....	.....
3885	.....	.....	6.60	.....	.....	.....	9.63	.....	9.63	.....	.....	.....
3920	.....	.....	6.00	.....	.....	.....	10.00	.....	10.00	.....	.....	.....
3940	.....	.....	5.30	.....	.....	.....	9.92	.....	9.92	.....	.....	.....
3961	.....	.....	5.35	.....	.....	.....	9.80	.....	9.80	.....	.....	.....
3992	.....	.....	5.15	.....	.....	.....	9.87	.....	9.87	.....	.....	.....
4035	.....	.....	5.00	.....	.....	.....	9.65	.....	9.65	.....	.....	.....
4051	.....	.....	5.35	.....	.....	.....	9.90	.....	9.90	.....	.....	.....
.....	.....	.....	5.50	Bn	.....	.....	9.88	Bl, Bn	9.88	.....	.....	.....
4203	.....	.....	4.95	.....	.....	.....	8.24	.....	8.24	4.35	4.35	.....
.....	.....	.....	5.00	Bn, T	.....	.....	8.23	Bn, T	8.23	4.00	4.00	.....
3689	.....	.....	31.00	.....	.....	.....	0.70	.....	0.70	.....	.....	.....
.....	.....	.....	28.00	Bn	.....	.....	0.82	Bn	0.82	.....	.....	.....
3815	.....	.....	26.30	.....	.....	.....	2.51	.....	2.51	4.48	4.48	.....
.....	.....	.....	25.00	Bn	.....	.....	2.50	Bn	2.50	4.00	4.00	.....
3851	.....	.....	21.30	.....	.....	.....	5.27	.....	5.27	.....	.....	.....

\*3885—81% fine.

\*3920—81% fine.

\*3940—83% fine.

\*3961—81% fine.

\*3992—88% fine.

\*4035—80% fine.

\*4051—85% fine.

\*3689—70% fine.

\*3851—63% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Morris & Co.—Continued.				
3900*	Pacific Big 9.....	F. D. Parker, Hollywood.....	39.01	
	Guaranteed.....		38.91	
4236	Pacific Big 10.....	W. A. Nichols, Redlands.....	38.15	
4243	Pacific Big 10.....	Rialto Orange Co., Rialto.....	39.22	
	Guaranteed.....		38.94	
3786	Pacific Big 11.....	Glendora Citrus Assn., Glendora.....	32.12	
3832	Pacific Big 11.....	Covina Citrus Assn., Covina.....	30.19	
	Guaranteed.....		31.14	
4037*	Tankage .....	Azusa Citrus Assn., Azusa.....		
4049*	Tankage .....	Azusa Citrus Assn., Azusa.....		
4050*	Tankage .....	Azusa Citrus Assn., Azusa.....		
4053*	Tankage .....	Azusa Citrus Assn., Azusa.....		
4180*	Tankage .....	E. K. Alpaugh, San Gabriel.....		
4204*	Tankage .....	Azusa Citrus Assn., Azusa.....		
Sold on Station Analysis.				
Mountain Copper Co., San Francisco, Cal.				
4108	0-3-3 .....	Grange Company, Ceres.....	7.45	
	Guaranteed.....		6.24	
3753	2½-10-8 .....	Redlands Fruit Assn., Redlands.....	27.23	
	Guaranteed.....		27.00	
4121	3-10-2 .....	Valley Seed Co., Sacramento.....	24.33	
	Guaranteed.....		20.90	
4131	3-10-5 .....	J. W. White, Fair Oaks.....	25.70	
	Guaranteed.....		25.30	
3979	4-10-4 .....	Sparr Fruit Co., Los Angeles.....	28.74	
4129	4-10-4 .....	J. W. White, Fair Oaks.....	27.68	
	Guaranteed.....		27.61	
4026	4.1-10-1½ .....	Mtn. View O. & L. Assn., Upland.....	27.62	
4033	4.1-10-1½ .....	Corona Citrus Assn., Corona.....	26.73	
4111	4.1-10-1½ .....	Lindsay Citrus Assn., Lindsay.....	27.35	
4142	4.1-10-1½ .....	West Highland Citrus Assn., Highland.....	25.72	
	Guaranteed.....		25.58	
4028	7-10½-0 .....	Arthur Bowring, Charter Oak.....	39.23	
	Guaranteed.....		39.81	
3645	Superphosphate .....	Corona Lemon Co., Corona.....	17.87	
3768	Superphosphate .....	Placentia Fruit Co., Placentia.....	17.69	
3803	Superphosphate .....	N. W. Blanchard, Santa Paula.....	17.81	
	Guaranteed.....		17.57	
3754	Superphosphate .....	Redlands Fruit Assn., Redlands.....	18.27	
	Guaranteed.....		16.45	
3876	Superphosphate .....	H. P. Greene, San Diego.....	17.32	

\*3900—74% fine.

\*4037—83% fine.

\*4049—87% fine.

\*4050—84% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3900	.....	.....	19.50	.....	.....	.....	4.28	.....	4.28	.....	.....	.....
.....	.....	.....	18.30	<i>Bn, T</i>	.....	.....	4.52	<i>Bn, T</i>	4.52	.....	.....	.....
4236	.....	.....	14.80	.....	.....	.....	3.80	.....	3.80	5.29	5.29	.....
4243	.....	.....	14.80	.....	.....	.....	3.95	.....	3.95	5.63	5.63	.....
.....	.....	.....	15.00	<i>Bn, T</i>	.....	.....	4.00	<i>Bn, T</i>	4.00	5.00	5.00	.....
3786	.....	.....	16.55	.....	.....	.....	0.92	.....	0.92	9.98	9.98	.....
3832	.....	.....	15.85	.....	.....	.....	0.86	.....	0.86	9.14	9.14	.....
.....	.....	.....	16.00	<i>Bn</i>	.....	.....	0.82	<i>Bn</i>	0.82	10.00	10.00	.....
4037	.....	.....	5.70	.....	.....	.....	8.88	.....	8.88	.....	.....	.....
4049	.....	.....	6.45	.....	.....	.....	9.29	.....	9.29	.....	.....	.....
4050	.....	.....	5.37	.....	.....	.....	9.44	.....	9.44	.....	.....	.....
4053	.....	.....	6.45	.....	.....	.....	8.90	.....	8.90	.....	.....	.....
4180	.....	.....	6.40	.....	.....	.....	9.19	.....	9.19	.....	.....	.....
4204	.....	.....	5.65	.....	.....	.....	8.98	.....	8.98	.....	.....	.....
4108	4.10	0.10	4.20	.....	.....	.....	.....	.....	.....	3.16	3.16	.....
.....	3.00	0.50	3.50	<i>Super</i>	.....	.....	.....	.....	.....	3.00	3.00	.....
3753	10.26	0.44	10.70	.....	1.53	.....	0.82	.....	2.35	8.37	8.37	.....
.....	10.00	0.50	10.50	<i>Super</i>	1.67	.....	0.83	<i>Bl</i>	2.50	8.00	8.00	.....
4121	10.54	0.46	11.00	.....	2.52	.....	0.80	.....	3.32	3.92	3.92	0.60
.....	10.00	0.50	10.50	<i>Super</i>	2.00	.....	1.00	<i>Bl</i>	3.00	2.00	2.00	.....
4131	10.66	0.44	11.10	.....	2.29	.....	0.78	.....	3.07	4.97	4.97	0.70
.....	10.00	0.50	10.50	<i>Super</i>	2.00	.....	1.00	<i>Bl, T</i>	3.00	5.00	5.00	.....
3979	10.28	0.42	10.70	.....	2.51	.....	1.35	.....	3.86	4.03	4.03	.....
4129	9.86	0.54	10.40	.....	2.62	.....	1.30	.....	3.92	4.17	4.17	.....
.....	10.00	0.50	10.50	<i>Super</i>	2.67	.....	1.33	<i>Bl</i>	4.00	4.00	4.00	.....
4026	9.43	1.42	10.85	.....	2.71	0.78	0.94	.....	4.43	1.80	1.80	.....
4033	9.39	1.36	10.75	.....	2.66	0.70	0.90	.....	4.26	1.64	1.64	.....
4111	9.49	0.96	10.45	.....	3.10	0.60	0.93	.....	4.63	1.55	1.55	.....
4142	9.06	1.04	10.10	.....	2.47	0.65	0.95	.....	4.07	1.77	1.77	0.60
.....	9.00	1.00	10.00	<i>Super,</i>	2.35	0.75	1.00	<i>Bat G</i>	4.10	1.50	1.50	.....
.....	.....	.....	.....	<i>Bn</i>	.....	.....	.....	<i>Bl, Bn, T</i>	.....	.....	.....	.....
4028	11.19	0.16	11.35	.....	2.32	.....	4.68	.....	7.00	.....	.....	.....
.....	10.00	0.50	10.50	<i>Super,</i>	1.50	.....	5.50	<i>Bat G</i>	7.00	.....	.....	.....
.....	.....	.....	.....	<i>Bn</i>	.....	.....	.....	<i>Bl, Bn, T</i>	.....	.....	.....	.....
3645	19.01	0.39	19.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
3768	18.84	0.36	19.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
3803	18.96	0.34	19.30	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	18.70	0.30	19.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
3754	19.44	0.46	19.90	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.50	0.45	17.95	.....	.....	.....	.....	.....	.....	.....	.....	.....
3876	18.44	0.36	18.80	.....	.....	.....	.....	.....	.....	.....	.....	.....

\*4053—87% fine.

\*4204—89% fine.

\*4180—86% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Morris & Co.—Continued.				
4098	Superphosphate .....	Fresno Fuel Co., Fresno.....	16.60	
	Guaranteed.....		16.73	
3978	Superphosphate .....	Sparr Fruit Co., Los Angeles.....	17.09	
	Guaranteed.....		16.87	
4159	Superphosphate .....	Hammon Orchards, Oroville.....	19.98	
	Guaranteed.....		19.90	
4205	Superphosphate .....	H. D. Derwin, Upland.....	19.87	
	Guaranteed.....		20.38	
4206	Superphosphate .....	H. D. Derwin, Upland.....	19.90	
	Guaranteed.....		20.05	
4107*	Superphosphate 0-5-0.....	Grange Co., Ceres.....	5.16	
	Guaranteed.....		4.70	
Nitrate Agencies Co., Los Angeles, Cal.				
3880*	Bone Meal.....	F. A. Springstead, El Cajon.....	37.92	
	Guaranteed.....		31.74	
3772	Nitrate of Soda.....	Smith & Miner, Santa Ana.....	44.29	
3875	Nitrate of Soda.....	H. P. Greene, San Diego.....	43.62	
3977	Nitrate of Soda.....	Sparr Fruit Co., Los Angeles.....	43.68	
4116	Nitrate of Soda.....	W. L. Benepe, Sebastopol.....	44.10	
4126	Nitrate of Soda.....	Fair Oaks Fruit Co., Fair Oaks.....	43.62	
4153	Nitrate of Soda.....	J. F. Fitzgerald, Palermo.....	44.92	
4158	Nitrate of Soda.....	Hammon Orchards, Oroville.....	43.06	
	Guaranteed.....		42.30	
Pacific Bone, Coal & Fertilizing Co., San Francisco, Cal.				
4084	Citrona No. 1.....	Porterville Citrus Assn., Porterville.....	30.41	
	Guaranteed.....		29.05	
4065	Citrona No. 2.....	W. S. Cairns, Lindsay .....	30.78	
4078	Citrona No. 2.....	J. A. Milligan, Porterville.....	31.90	
4087	Citrona No. 2.....	C. O. Cowles, Lindsay.....	31.76	
	Guaranteed.....		30.99	
4077	Citrona No. 3.....	Harrison Ranch, Porterville.....	32.51	
	Guaranteed.....		30.97	
4133	Flora .....	Penryn Fruit Co., Penryn.....	30.16	
	Guaranteed.....		29.19	
4138	Lupine .....	United Fruit Co., New Castle.....	20.99	
	Guaranteed.....		19.86	
4104	Merino .....	Fancher Creek Nurseries, Fresno.....	21.73	
	Guaranteed.....		21.91	

4107—Values stated do not include allowance for gypsum.

\*3880—96% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4098	17.66	0.24	17.90	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.80	0.55	18.35	.....	.....	.....	.....	.....	.....	.....	.....	.....
3978	18.18	0.52	18.70	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.95	0.50	18.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
4159	21.26	0.24	21.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	21.17	0.27	21.44	.....	.....	.....	.....	.....	.....	.....	.....	.....
4205	21.14	0.26	21.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	21.68	0.26	21.94	.....	.....	.....	.....	.....	.....	.....	.....	.....
4206	21.18	0.22	21.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	21.33	0.26	21.59	.....	.....	.....	.....	.....	.....	.....	.....	.....
4107	5.49	0.36	5.85	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	5.00	0.20	5.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
3880	.....	.....	33.50	.....	.....	.....	0.97	.....	0.97	.....	.....	.....
.....	.....	.....	28.00	.....	.....	.....	0.82	.....	0.82	.....	.....	.....
3772	.....	.....	.....	.....	15.71	.....	.....	.....	15.71	.....	.....	.....
3875	.....	.....	.....	.....	15.47	.....	.....	.....	15.47	.....	.....	.....
3977	.....	.....	.....	.....	15.49	.....	.....	.....	15.49	.....	.....	.....
4116	.....	.....	.....	.....	15.64	.....	.....	.....	15.64	.....	.....	.....
4126	.....	.....	.....	.....	15.47	.....	.....	.....	15.47	.....	.....	.....
4153	.....	.....	.....	.....	15.93	.....	.....	.....	15.93	.....	.....	.....
4158	.....	.....	.....	.....	15.27	.....	.....	.....	15.27	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
4084	7.64	3.16	10.80	.....	1.67	.....	1.35	.....	3.02	7.67	7.67	0.90
.....	7.00	3.00	10.00	Super, Bn	1.50	.....	1.50	Bl, Bn, T	3.00	7.00	7.00	.....
4065	7.96	1.54	9.50	.....	2.44	.....	1.39	.....	3.83	7.08	7.08	0.90
4078	6.76	2.54	9.30	.....	2.77	.....	1.38	.....	4.15	7.46	7.46	1.00
4087	7.26	2.64	9.90	.....	2.43	.....	1.38	.....	3.81	7.65	7.65	1.00
.....	6.00	3.00	9.00	Super, Bn	2.43	.....	1.57	Bl, Bn, T	4.00	7.00	7.00	.....
4077	6.70	3.20	9.90	.....	1.62	.....	1.31	.....	2.93	10.60	10.60	1.15
.....	5.50	3.00	8.50	Super, Bn	1.50	.....	1.50	Bl, Bn, T	3.00	10.00	10.00	.....
4133	7.55	2.30	9.85	.....	1.86	.....	1.66	.....	3.52	6.58	6.58	0.90
.....	6.00	3.00	9.00	Super, Bn	1.50	.....	2.00	Bl, Bn, T	3.50	6.00	6.00	.....
4138	10.34	0.56	10.90	.....	.....	.....	.....	.....	.....	9.90	9.90	0.90
.....	9.00	1.00	10.00	Super	.....	.....	.....	.....	.....	10.00	10.00	.....
4104	4.76	1.44	6.20	.....	1.77	.....	1.03	.....	2.80	.....	5.12	1.50
.....	2.00	3.50	5.50	Super	1.70	.....	1.30	Bn, SM	3.00	5.00	5.00	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Pacific Bone, Coal, and Fertilizing Co.—Continued.				
4059	Nitrate of Soda.....	L. E. Orton, Lindsay.....		42.88
4079	Nitrate of Soda.....	F. B. Myrick, Porterville.....		43.44
4091	Nitrate of Soda.....	T. J. Dofflemyer & Sons, Exeter.....		42.66
	Guaranteed.....			42.30
4083	Nursery Special.....	Porterville Citrus Assn., Porterville.....		33.35
4094	Nursery Special.....	Kaweah Lemon Co., Lemon Cove.....		31.72
4137	Nursery Special.....	United Fruit Co., Newcastle.....		32.34
	Guaranteed.....			31.30
4086	Olive Special.....	Fancher Creek Nurseries, Fresno.....		31.85
	Guaranteed.....			30.97
4130	Pomona .....	H. E. Butler, Penryn.....		30.75
	Guaranteed.....			29.33
4073	Special No. 312 .....	A. L. Lewis, Lindsay.....		24.46
	Guaranteed.....			22.99
4027	Spier's Special.....	L. P. Spiers, San Jose.....		32.71
	Guaranteed.....			32.61
4060	Sulfate of Potash.....	L. E. Orton, Lindsay.....		55.67
4082	Sulfate of Potash.....	J. F. Canty, Porterville.....		55.63
4093	Sulfate of Potash.....	T. J. Dofflemyer & Sons, Exeter.....		55.58
	Guaranteed.....			54.72
4081	Superphosphate .....	J. F. Canty, Porterville.....		16.45
4092	Superphosphate .....	T. J. Dofflemyer & Sons, Exeter.....		16.30
	Guaranteed.....			15.98
Pacific Guano & Fertilizer Co., San Francisco, Cal.				
4120	Basic No. 2.....	Dickinson-Nelson & Co., Stockton.....		8.42
	Guaranteed.....			9.40
4152*	Basic Superphosphate.....	D. McLean, Palermo.....		16.04
	Guaranteed.....			8.46
4052	Bat Guano.....	Azusa Citrus Assn., Azusa.....		.....
	Sold on Station Analysis.			
3709	Blood .....	B. L. Byer, Upland.....		64.80
	Guaranteed.....			64.90
3943	Blood .....	Sellers & Schofield, Glendora.....		66.60
	Guaranteed.....			66.36
3736*	Bone Meal.....	B. L. Byer, Upland.....		41.16
	Guaranteed.....			40.24
3942*	Bone Meal.....	Sellers & Schofield, Glendora.....		40.24
	Guaranteed.....			39.32

\*4152—A true superphosphate. Tagged  
“Basic” in error.

\*3736—48% fine.  
\*3942—56% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4059	.....	.....	.....	.....	15.21	.....	.....	.....	15.21	.....	.....	.....
4079	.....	.....	.....	.....	15.41	.....	.....	.....	15.41	.....	.....	.....
4091	.....	.....	.....	.....	15.13	.....	.....	.....	15.13	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
4083	8.40	2.30	10.70	.....	2.85	0.20	1.67	.....	4.72	.....	5.50	1.40
4094	8.06	2.24	10.30	.....	2.76	.....	1.92	.....	4.68	4.28	4.28	0.80
4137	6.67	3.08	9.75	.....	2.48	.....	1.60	.....	4.08	8.30	8.30	1.00
.....	7.00	3.00	10.00	Super, Bn	2.43	.....	2.17	Bl Bn, T	4.60	4.00	4.00	.....
4086	6.84	2.76	9.60	.....	2.02	.....	1.16	.....	3.18	9.87	9.87	0.60
.....	5.50	3.00	8.50	Super, Bn	1.50	.....	1.50	Bl, Bn, T	3.00	10.00	10.00	.....
4130	7.16	2.54	9.70	.....	1.57	.....	1.08	.....	2.65	10.26	10.26	0.90
.....	6.00	2.00	8.00	Super, Bn	1.50	.....	1.25	Bl, Bn, T	2.75	10.00	10.00	.....
4073	9.34	1.56	10.90	.....	1.32	.....	0.80	.....	2.12	8.32	8.32	0.90
.....	7.50	2.00	9.50	Super, Bn	1.22	.....	0.78	Bl, Bn, T	2.00	8.50	8.50	.....
4027	7.10	2.75	9.85	.....	1.66	.....	2.37	.....	4.03	6.47	6.47	1.00
.....	6.00	3.00	9.00	Super, Bn	1.50	.....	2.50	Bl, Bn, T	4.00	7.00	7.00	.....
4060	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.84	48.84	2.20
4082	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.80	48.80	2.00
4093	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.76	48.76	2.30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.00	48.00	.....
4081	17.50	0.30	17.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
4092	17.34	0.46	17.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4120	8.96	6.04	15.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	10.00	2.00	12.00	Min. Phos.	.....	.....	.....	.....	.....	.....	.....	.....
4152	17.06	0.34	17.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	9.00	3.00	12.00	Min. Phos.	.....	.....	.....	.....	.....	.....	.....	.....
4052	.....	.....	2.40	.....	1.24	1.00	9.03	.....	11.27	.....	1.28	.....
3709	.....	.....	.....	.....	.....	.....	13.73	.....	13.73	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	13.75	.....	13.75	.....	.....	.....
3943	.....	.....	.....	.....	.....	.....	14.11	.....	14.11	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	14.06	.....	14.06	.....	.....	.....
3736	.....	.....	21.65	.....	.....	.....	4.28	.....	4.28	.....	.....	.....
.....	.....	.....	22.00	.....	.....	.....	4.00	.....	4.00	.....	.....	.....
3942	.....	.....	22.10	.....	.....	.....	3.98	.....	3.98	.....	.....	.....
.....	.....	.....	22.00	.....	.....	.....	3.80	.....	3.80	.....	.....	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Pacific Guano & Fertilizer Co.				
—Continued.				
3795*	Bone Meal.....	W. M. Warren, Covina.....	37.55	
3863*	Bone Meal.....	Chas. Silent, Los Angeles.....	38.34	
	Guaranteed.....		36.43	
3724*	Bone Meal.....	B. S. Casey, Rialto.....	42.96	
3809*	Bone Meal.....	M. S. Ratliff, Colton.....	40.05	
4134*	Bone Meal.....	Pioneer Fruit Co., Newcastle.....	41.56	
4239*	Bone Meal.....	Etiwanda Citrus Assn., Etiwanda.....	43.40	
	Guaranteed.....		39.78	
3836	Bone, Super. and Potash.....	W. M. Warren, Covina.....	37.84	
	Guaranteed.....		36.81	
3898	Diamond F.....	G. W. Hume Co., Los Gatos.....	29.45	
3949	Diamond F.....	Sellers & Schofield, Glendora.....	30.94	
	Guaranteed.....		29.01	
3737	Diamond N.....	B. L. Byer, Upland.....	29.52	
3951	Diamond N.....	Sellers & Schofield, Glendora.....	28.55	
	Guaranteed.....		27.78	
3735	Diamond S.....	B. L. Byer, Upland.....	37.61	
3952	Diamond S.....	Sellers & Schofield, Glendora.....	36.87	
	Guaranteed.....		35.16	
3710*	Diamond T.....	B. L. Byer, Upland.....	29.69	
	Guaranteed.....		28.46	
3835	F.....	W. M. Warren, Covina.....	29.54	
4100	F.....	Aubrey Frink, Fresno.....	28.29	
4124	F.....	Fair Oaks Fruit Co., Fair Oaks.....	28.55	
	Guaranteed.....		29.01	
4132	H.....	Pioneer Fruit Co., Newcastle.....	30.21	
	Guaranteed.....		30.90	
3734	Lawn Dressing.....	B. L. Byer, Upland.....	30.11	
3953	Lawn Dressing.....	Sellers & Schofield, Glendora.....	28.55	
3960	Lawn Dressing.....	H. C. Rumohr, Redlands.....	30.60	
4119	Lawn Dressing.....	Dickinson, Nelson & Co., Stockton.....	28.86	
	Guaranteed.....		27.54	
3957	Mills Special.....	H. C. Rumohr, Redlands.....	40.98	
	Guaranteed.....		41.16	
4101	N.....	Aubrey Frink, Fresno.....	31.16	
4136	N.....	Pioneer Fruit Co., Newcastle.....	26.52	

\*3795—63% fine.

\*3863—63% fine.

\*3724—51% fine.

\*3809—48% fine.

\*4134—38% fine.

4239—54% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	POUNDS PER HUNDRED.											
	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3795	.....	.....	28.80	.....	.....	.....	1.92	.....	1.92	.....	.....	.....
3863	.....	.....	29.00	.....	.....	.....	2.05	.....	2.05	.....	.....	.....
.....	.....	.....	27.50	.....	.....	.....	1.96	.....	1.96	.....	.....	.....
3724	.....	.....	24.40	.....	.....	.....	4.07	.....	4.07	.....	.....	.....
3809	.....	.....	21.90	.....	.....	.....	3.98	.....	3.98	.....	.....	.....
4134	.....	.....	23.50	.....	.....	.....	3.96	.....	3.96	.....	.....	.....
4239	.....	.....	23.80	.....	.....	.....	4.30	.....	4.30	.....	.....	.....
.....	.....	.....	22.00	.....	.....	.....	3.90	.....	3.90	.....	.....	.....
3836	10.02	7.58	17.60	.....	.....	.....	2.73	.....	2.73	6.85	6.85	.....
.....	.....	.....	18.00	Super, Bn	.....	.....	2.50	Bl, Bn, T	2.50	6.50	6.50	.....
3898	7.76	2.54	10.30	.....	0.77	0.15	1.60	.....	2.52	8.02	8.02	0.80
3949	7.62	2.88	10.50	.....	0.74	.....	2.33	.....	3.07	6.79	6.79	.....
.....	8.00	2.50	10.50	Super, Bn	0.50	.....	2.00	Bl, Bn, Fs G, T	2.50	7.00	7.00	.....
3737	8.12	2.48	10.60	.....	1.25	0.15	2.70	.....	4.10	2.24	2.24	.....
3951	7.05	2.10	9.15	.....	1.31	0.15	2.75	.....	4.21	.....	2.29	1.80
.....	8.00	1.00	9.00	Super, Bn	1.00	.....	3.00	Bl, Bn, Fs	4.00	2.00	2.00	.....
3735	8.65	1.35	10.00	.....	2.59	.....	3.90	.....	6.49	2.22	2.22	.....
3952	7.85	1.30	9.15	.....	2.33	.....	4.17	.....	6.50	1.88	1.88	.....
.....	8.00	1.00	9.00	Super, Bn, G	2.00	.....	4.00	Bl, Bn, Fs G, T	6.00	2.00	2.00	.....
3710	6.20	1.90	8.10	.....	1.96	.....	2.38	.....	4.34	.....	4.57	.....
.....	7.00	1.00	8.00	Super, Bn	2.00	.....	2.00	Bl, Bn, Fs	4.00	.....	5.00	.....
3835	7.34	3.26	10.60	.....	0.64	.....	1.76	.....	2.40	8.00	8.00	0.80
4100	8.56	2.74	11.30	.....	0.88	.....	1.55	.....	2.43	6.53	6.53	0.80
4124	9.10	1.00	10.10	.....	0.95	.....	1.83	.....	2.78	6.52	6.52	0.90
.....	8.00	2.50	10.50	Super, Bn, G	0.50	.....	2.00	Bl, Bn, Fs, G, T	2.50	7.00	7.00	.....
4132	8.65	2.60	11.25	.....	0.77	.....	1.81	.....	2.58	7.49	7.49	1.05
.....	7.50	2.61	10.11	Super, Bn	0.50	.....	2.00	Bl, Bn, Fs, G, T	2.50	9.00	9.00	.....
3734	10.00	0.10	10.10	.....	.....	4.17	.....	.....	4.17	5.08	5.08	.....
3953	10.64	1.16	11.80	.....	0.17	2.93	0.72	.....	3.82	3.78	3.78	.....
3960	10.10	0.10	10.20	.....	.....	4.30	.....	.....	4.30	5.02	5.02	.....
4119	9.12	0.48	9.60	.....	.....	4.10	.....	.....	4.10	4.93	4.93	.....
.....	8.00	1.00	9.00	Super, Bn	.....	4.00	.....	.....	4.00	5.00	5.00	.....
3957	.....	.....	14.90	.....	.....	.....	3.84	.....	3.84	8.56	8.56	.....
.....	.....	.....	15.00	Bn	.....	.....	4.00	Bl, Bn	4.00	8.00	8.00	.....
4101	6.85	2.70	9.55	.....	1.02	.....	3.39	.....	4.41	2.88	2.88	.....
4136	7.11	1.24	8.35	.....	1.42	.....	2.35	.....	3.78	3.00	3.00	0.90

\*3710—Potash guaranteed, 1% muriate,  
4% from sulfate.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Pacific Guano and Fertilizer Co.—Continued.				
4144	N		B. B. Meek, Oroville.....	28.91
		Guaranteed.....		27.78
3707	Nitrate of Soda.....		B. L. Byer, Upland.....	44.39
		Guaranteed.....		43.15
3802	Nitrate of Soda.....		N. W. Blanchard, Santa Paula.....	44.66
		Guaranteed.....		42.30
4151	Nitrate of Soda.....		D. McLean, Palermo.....	43.62
		Guaranteed.....		42.01
3708*	P. N. K.....		B. L. Byer, Upland.....	27.90
3950	P. N. K.....		Sellers & Sclofield, Glendora.....	27.45
		Guaranteed.....		25.96
4102	P. P.....		Aubrey Frink, Fresno.....	20.85
4123	P. P.....		Fair Oaks Fruit Co., Fair Oaks.....	20.59
4135	P. P.....		Pioneer Fruit Co., Newcastle.....	22.84
		Guaranteed.....		21.54
4145	S		B. B. Meek, Oroville.....	35.27
		Guaranteed.....		35.16
3807	Special		Chas. C. Fisher, Rialto.....	37.04
		Guaranteed.....		36.24
4040	Special		Irwindale Citrus Assn., Irwindale.....	46.40
		Guaranteed.....		45.03
4041	Special		G. J. Reynolds, Covina.....	43.15
		Guaranteed.....		43.09
4125	Special		Fair Oaks Fruit Co., Fair Oaks.....	33.75
		Guaranteed.....		34.16
4150	Special N		G. C. Post, Palermo.....	26.80
		Guaranteed.....		24.30
3948*	Special Nitrate.....		Sellers & Scofield, Glendora.....	42.66
		Guaranteed.....		41.93
3691	Sulfate of Potash.....		C. C. Chapman, Fullerton.....	49.84
		Guaranteed.....		56.69
3723	Sulphate of Potash.....		O. & L. Grs. Assn., Glendora.....	56.13
		Guaranteed.....		56.38
3725	Sulfate of Potash.....		B. S. Casey, Rialto.....	56.81
		Guaranteed.....		56.65
3738	Sulfate of Potash.....		B. L. Byer, Upland.....	51.20
		Guaranteed.....		56.08

\*3708—Chlorin excessive.

\*3948—This nitrate contains a small amount of bone meal.

ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4144	8.04	1.16	9.20	.....	1.16	.....	2.94	.....	4.10	2.66	2.66	.....
.....	8.00	1.00	9.00	Super, Bn	1.00	.....	3.00	Bl, Bn, Fs	4.00	2.00	2.00	.....
3707	.....	.....	.....	.....	15.74	.....	.....	.....	15.74	.....	.....	.....
.....	.....	.....	.....	.....	15.30	.....	.....	.....	15.30	.....	.....	.....
3802	.....	.....	.....	.....	15.84	.....	.....	.....	15.84	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
4151	.....	.....	.....	.....	15.47	.....	.....	.....	15.47	.....	.....	.....
.....	.....	.....	.....	.....	14.90	.....	.....	.....	14.90	.....	.....	.....
3708	8.66	2.44	11.10	.....	.....	.....	2.16	.....	2.16	.....	6.10	3.50
3950	6.84	3.36	10.20	.....	.....	.....	2.30	.....	2.30	5.94	5.94	.....
.....	7.50	2.50	10.00	Super, Bn, G	.....	.....	2.00	Bl, Bn, Fs, G, T	2.00	6.00	6.00	.....
4102	12.38	1.92	14.30	.....	.....	.....	.....	.....	.....	8.09	<b>8.09</b>	.....
4123	12.50	0.50	13.00	.....	.....	.....	.....	.....	.....	7.76	<b>7.76</b>	.....
4135	12.92	0.28	13.20	.....	.....	.....	.....	.....	.....	9.39	9.39	0.60
.....	12.00	1.00	13.00	Super, .....	.....	.....	.....	.....	.....	9.00	9.00	.....
4145	8.02	1.48	9.50	.....	2.21	0.15	3.50	.....	5.86	2.67	2.67	0.95
.....	8.00	1.00	9.00	Super, Bn, G	2.00	.....	4.00	Bl, Bn, Fs, G, T	6.00	2.00	2.00	.....
3807	12.65	5.05	17.70	.....	.....	.....	1.17	.....	1.17	12.29	12.29	0.95
.....	.....	.....	18.00	Super, Bn	.....	.....	1.00	Bn	1.00	12.00	12.00	.....
4040	5.74	4.56	10.30	.....	1.38	0.25	6.87	.....	8.50	.....	.....	.....
.....	3.46	6.21	9.67	Super, Bn, T	1.50	.....	6.83	Bl, Bn, T	8.33	.....	.....	.....
4041	4.32	6.08	10.40	.....	1.40	.....	6.32	.....	7.72	.....	.....	.....
.....	3.46	8.04	11.50	Super, Bn, T	1.50	.....	6.00	Bl, Bn, T	7.50	.....	.....	.....
4125	7.49	0.96	8.45	.....	2.44	.....	1.75	.....	4.19	9.16	<b>9.16</b>	1.10
.....	7.00	1.00	8.00	Super, Bn	2.00	.....	2.00	Bl, Bn, T	4.00	10.00	10.00	.....
4150	8.74	0.76	9.50	.....	3.28	.....	1.22	.....	4.50	2.19	2.19	.....
.....	8.00	1.00	9.00	Super, Bn	3.00	.....	1.00	Bl, Bn, Fs	4.00	2.00	2.00	.....
3948	.....	.....	0.89	.....	15.13	.....	0.15	.....	15.28	.....	0.38	.....
.....	.....	.....	0.22	.....	14.80	.....	0.03	.....	14.83	.....	0.60	.....
3691	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.72	<b>43.72</b>	3.30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.73	49.73	.....
3723	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.24	49.24	1.08
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.46	49.46	.....
3725	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.84	49.84	2.16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.70	49.70	.....
3738	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.92	<b>44.92</b>	3.56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.19	49.19	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Pacific Guano and Fertilizer Co.—Continued.				
3848	Sulfate of Potash.....	C. C. Chapman, Fullerton.....		50.38
	Guaranteed.....			55.70
3941	Sulfate of Potash.....	Sellers & Scofield, Glendora.....		57.27
	Guaranteed.....			56.54
4099*	Supergyp .....	Aubrey Frink, Fresno.....		5.08
4106*	Supergyp .....	Stanislaus Farmers' Union, Modesto.....		7.33
	Guaranteed.....			5.17
4105	Superphosphate .....	Stanislaus Farmers' Union, Modesto.....		15.94
4012	Superphosphate .....	Chula Vista L. G. Assn., Chula Vista.....		16.73
4146	Superphosphate .....	B. B. Meek, Oroville.....		16.07
4210	Superphosphate .....	Wright Bros., Riverside.....		19.31
	Guaranteed.....			15.98
4209	Superphosphate .....	Wright Bros., Riverside.....		19.21
	Guaranteed.....			18.80
4118*	T .....	G. P. McNear, Petaluma.....		27.91
4122*	T .....	Fair Oaks Fruit Co., Fair Oaks.....		28.17
	Guaranteed.....			28.46
3721*	Tankage .....	H. C. Rumohr, Redlands.....		39.53
	Guaranteed.....			38.44
3733*	Tankage .....	B. L. Byer, Upland.....		37.84
	Guaranteed.....			36.07
3958*	Tankage .....	H. C. Rumohr, Redlands.....		38.20
	Guaranteed.....			38.18
3967*	Tankage .....	N. S. Bater, Rialto.....		.....
3968*	Tankage .....	F. M. Lingo, Rialto.....		.....
	Sold on Station Analysis.			
4193*	Tankage.....	B. L. King, Covina.....		46.25
	Guaranteed.....			44.78
Redlands Fertilizer Association, Redlands, Cal.				
3650	Blood .....	Factory, Redlands.....		61.97
	Guaranteed.....			62.07
3664	Blood .....	Factory, Redlands.....		57.96
	Guaranteed.....			57.58
3925	Blood .....	Factory, Redlands.....		65.41
	Guaranteed.....			63.72
3649*	Bone Meal.....	Factory, Redlands.....		36.60
	Guaranteed.....			37.40
3662*	Bone Meal.....	H. H. Garstin, Redlands.....		.....
	Sold on Station Analysis.			
3690*	Bone Meal.....	Factory, Redlands.....		37.06

\*4099—Values stated do not include allowance for gypsum.

\*4106—Values stated do not include allowance for gypsum.

\*4118—Potash guaranteed 1% from muriate, 4% from sulfate.

\*4122—Potash guaranteed 1% from muriate, 4% from sulfate.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number	POUNDS PER HUNDRED.											CHLORIN
	PHOSPHORIC ACID				NITROGEN					POTASH		
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3848	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.20	<b>44.20</b>	3.76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	<i>48.86</i>	<i>48.86</i>	.....
3941	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.24	50.24	2.40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	<i>49.60</i>	<i>49.60</i>	.....
4099	5.41	8.44	13.85	.....	.....	.....	.....	.....	.....	.....	.....	.....
4106	7.80	5.00	12.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	<i>5.50</i>	<i>7.00</i>	<i>12.50</i>	<i>Min. Phos.</i>	.....	.....	.....	.....	.....	.....	.....	.....
4105	16.96	0.24	17.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
4012	17.80	0.40	18.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
4146	17.10	0.40	17.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
4210	20.54	0.46	21.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	<i>17.00</i>	<i>1.00</i>	<i>18.00</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....
4209	20.44	0.46	20.90	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	<i>20.00</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4118	6.90	2.00	8.90	.....	2.55	.....	1.45	.....	4.00	.....	4.57	.....
4122	6.91	1.74	8.65	.....	2.37	.....	1.60	.....	3.97	.....	4.86	.....
.....	<i>7.00</i>	<i>1.00</i>	<i>8.00</i>	<i>Super, Bn</i>	<i>2.00</i>	.....	<i>2.00</i>	<i>Bl, Bn, Fs</i>	<i>4.00</i>	.....	<i>5.00</i>	.....
3721	.....	.....	9.90	.....	.....	.....	7.02	.....	7.02	.....	.....	.....
.....	.....	<i>9.47</i>	<i>Bl, Bn</i>	.....	.....	.....	<i>6.85</i>	<i>Bl, Bn</i>	<i>6.85</i>	.....	.....	.....
3733	.....	16.75	.....	.....	.....	.....	5.51	.....	5.51	.....	.....	.....
.....	.....	<i>16.27</i>	<i>Bn</i>	.....	.....	.....	<i>5.20</i>	<i>Bl, Bn</i>	<i>5.20</i>	.....	.....	.....
3958	.....	12.65	.....	.....	.....	.....	6.27	.....	6.27	.....	.....	.....
.....	.....	<i>13.65</i>	<i>Bn</i>	.....	.....	.....	<i>6.10</i>	<i>Bl, Bn</i>	<i>6.10</i>	.....	.....	.....
3967	.....	14.45	.....	.....	.....	.....	6.60	.....	6.60	.....	.....	.....
3968	.....	13.70	.....	.....	.....	.....	6.13	.....	6.13	.....	.....	.....
4193	.....	<b>10.10</b>	.....	.....	.....	.....	8.46	.....	8.46	.....	.....	.....
.....	.....	<i>12.00</i>	<i>Bn</i>	.....	.....	.....	<i>7.82</i>	<i>Bl, Bn</i>	<i>7.82</i>	.....	.....	.....
3650	.....	.....	.....	.....	.....	.....	13.13	.....	13.13	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	<i>13.15</i>	.....	<i>13.15</i>	.....	.....	.....
3664	.....	.....	.....	.....	.....	.....	12.28	.....	12.28	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	<i>12.20</i>	.....	<i>12.20</i>	.....	.....	.....
3925	.....	.....	.....	.....	.....	.....	13.86	.....	13.86	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	<i>13.50</i>	.....	<i>13.50</i>	.....	.....	.....
3649	.....	28.90	.....	.....	.....	.....	1.69	.....	<b>1.69</b>	.....	.....	.....
.....	.....	<i>26.00</i>	.....	.....	.....	.....	<i>2.50</i>	.....	<i>2.50</i>	.....	.....	.....
3662	.....	24.10	.....	.....	.....	.....	3.28	.....	3.28	.....	.....	.....
3690	.....	33.00	.....	.....	.....	.....	0.89	.....	<b>0.89</b>	.....	.....	.....

\*3721—93% fine.

\*3733—75% fine.

\*3958—71% fine.

\*3967—86% fine.

\*3968—83% fine.

\*4193—70% fine.

\*3649—77% fine.

\*3662—65% fine.

\*3690—91% fine.

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Redlands Fertilizer Association				
—Continued.				
3930*	Bone Meal.....	Factory, Redlands.....		38.40
	Guaranteed.....			35.84
3931*	Bone Meal.....	Factory, Redlands.....		37.03
	Guaranteed.....			38.68
3926	Nitrate of Soda.....	Factory, Redlands.....		43.93
	Guaranteed.....			42.30
3661	Sulfate of Potash.....	Factory, Redlands.....		50.57
	Guaranteed.....			55.40
3653*	Tankage .....	Factory, Redlands.....		41.95
	Guaranteed.....			42.97
3668*	Tankage .....	Factory, Redlands.....		33.36
	Guaranteed.....			34.66
3928*	Tankage .....	Factory, Redlands.....		45.02
	Guaranteed.....			44.61
3929*	Tankage .....	Factory, Redlands.....		47.00
	Guaranteed.....			48.62
4039*	Tankage .....	C. F. Woehr, Redlands.....		48.84
	Guaranteed.....			49.23
Redlands Fruit Association,				
Redlands, Cal.				
3973	Blood and Meat.....	Mrs. Elizabeth Arth, Redlands.....		49.52
	Guaranteed.....			54.72
3975*	Bone Meal.....	W. C. Warner, Redlands.....		41.91
	Guaranteed.....			41.98
3755	Royal Knight Summer.....	Factory, Redlands.....		27.01
	Guaranteed.....			27.91
Standard Rendering Co.,				
Kansas City, Mo.				
3688*	Standard Bone.....	C. C. Chapman, Fullerton.....		35.79
	Guaranteed.....			36.74
3628*	Standard One.....	Corona Lemon Co., Corona.....		41.27
3654*	Standard One.....	Corona Lemon Co., Corona.....		42.15
3692*	Standard One.....	Benchley Fruit Co., Fullerton.....		40.94
3699*	Standard One.....	Windermere Ranch, LaMirada.....		41.59
3784*	Standard One.....	F. D. Parker, Hollywood.....		41.95

\*3930—82% fine.  
 \*3931—53% fine.  
 \*3653—76% fine.  
 \*3668—72% fine. A mixture of bat  
 guano and tankage.

\*3928—72% fine.  
 \*3929—70% fine.  
 \*4039—67% fine.  
 \*3975—47% fine.  
 \*3688—59% fine.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
3930	.....	.....	28.60	.....	.....	.....	2.15	.....	2.15	.....	.....	.....
.....	.....	.....	29.00	.....	.....	.....	1.50	.....	1.50	.....	.....	.....
3931	.....	.....	24.40	.....	.....	.....	2.77	.....	2.77	.....	.....	.....
.....	.....	.....	25.00	.....	.....	.....	3.00	.....	3.00	.....	.....	.....
3926	.....	.....	.....	.....	15.58	.....	.....	.....	15.58	.....	.....	.....
.....	.....	.....	.....	.....	15.00	.....	.....	.....	15.00	.....	.....	.....
3661	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.36	44.36	2.94
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.60	48.60	.....
3653	.....	.....	11.40	.....	.....	.....	7.30	.....	7.30	.....	.....	.....
.....	.....	.....	11.90	<i>Bn</i>	.....	.....	7.44	<i>Bl, Bn</i>	7.44	.....	.....	.....
3668	.....	.....	11.55	.....	.....	.....	5.39	.....	5.39	.....	.....	.....
.....	.....	.....	13.50	<i>Bn</i>	.....	.....	5.35	<i>Bl, Bn</i>	5.35	.....	.....	.....
3928	.....	.....	11.00	.....	.....	.....	8.04	.....	8.04	.....	.....	.....
.....	.....	.....	11.92	<i>Bn</i>	.....	.....	7.80	<i>Bl, Bn</i>	7.80	.....	.....	.....
3929	.....	.....	10.80	.....	.....	.....	8.51	.....	8.51	.....	.....	.....
.....	.....	.....	10.58	<i>Bn</i>	.....	.....	8.90	<i>Bl, Bn</i>	8.90	.....	.....	.....
4039	.....	.....	5.65	.....	.....	.....	9.77	.....	9.77	.....	.....	.....
.....	.....	.....	5.50	<i>Bn</i>	.....	.....	9.88	<i>Bl, Bn</i>	9.88	.....	.....	.....
3973	.....	.....	.....	.....	.....	.....	10.86	.....	10.86	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	12.00	.....	12.00	.....	.....	.....
3975	.....	.....	26.00	.....	.....	.....	3.49	.....	3.49	.....	.....	.....
.....	.....	.....	28.85	.....	.....	.....	2.88	.....	2.88	.....	.....	.....
3755	7.86	2.64	10.50	.....	1.26	0.20	1.29	.....	2.75	5.59	5.59	.....
.....	5.00	5.00	10.00	<i>Bn, G</i>	1.50	.....	1.50	<i>Bl, Bn G, T</i>	3.00	6.00	6.00	.....
3688	.....	.....	31.00	.....	.....	.....	1.05	.....	1.05	.....	.....	.....
.....	.....	.....	34.00	.....	.....	.....	0.60	.....	0.60	.....	.....	.....
3628	.....	.....	21.25	.....	.....	.....	4.39	.....	4.39	.....	.....	.....
3654	.....	.....	22.45	.....	.....	.....	4.32	.....	4.32	.....	.....	.....
3692	.....	.....	21.10	.....	.....	.....	4.35	.....	4.35	.....	.....	.....
3699	.....	.....	21.80	.....	.....	.....	4.34	.....	4.34	.....	.....	.....
3784	.....	.....	21.70	.....	.....	.....	4.44	.....	4.44	.....	.....	.....

\*3628—82% fine.

\*3654—80% fine.

\*3692—91% fine.

\*3699—80% fine.

\*3784—83% fine.

ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Standard Rendering Co.—				
Continued.				
3901*	Standard	One.....	V. H. Craig, Los Angeles.....	40.23
3966*	Standard	One.....	V. H. Craig, Los Angeles.....	40.46
4001*	Standard	One.....	Azusa Citrus Association, Azusa.....	41.23
4002*	Standard	One.....	Azusa Citrus Association, Azusa.....	41.07
4034*	Standard	One.....	R. C. McGill, La Mirada.....	41.03
4225*	Standard	One.....	Windermere Ranch, La Mirada.....	40.90
4231*	Standard	One.....	Windermere Ranch, La Mirada.....	41.74
	Guaranteed.....			38.77
Standard Supply Co.,				
Los Angeles, Cal.				
3890	Bat Guano.....		Glendora Citrus Assn., Glendora.....	.....
	Sold on Station Analysis.			
4215	No. 1.....		Factory, Los Angeles.....	17.19
	Guaranteed.....			15.64
4214	No. 2.....		Factory, Los Angeles.....	22.63
	Guaranteed.....			23.56
4216	No. 4.....		Factory, Los Angeles.....	25.22
	Guaranteed.....			22.86
4218	Superphosphate .....		Factory, Los Angeles.....	16.62
	Guaranteed.....			15.98
4217*	Tankage .....		Factory, Los Angeles.....	14.40
	Guaranteed.....			16.40
Swift & Co.,				
Chicago, Ill.				
3697*	Bone Meal.....		E. L. Koethen, Riverside.....	38.77
3902*	Bone Meal.....		G. W. Duley, Upland.....	38.77
	Guaranteed.....			37.52
3822	Diamond D.....		P. E. Stanton, Covina.....	28.46
3843	Diamond D.....		P. E. Stanton, Covina.....	38.92
	Guaranteed.....			37.88
3620*	Diamond E.....		Redlands Fertilizer Assn., Redlands.....	36.04
3652*	Diamond E.....		Redlands Fertilizer Assn., Redlands.....	36.16
	Guaranteed.....			36.10
3821*	Special Bone Meal.....		P. E. Stanton, Covina.....	33.32
	Guaranteed.....			32.74

*3901—82% fine.	These samples originally classified as bone meals and the fineness was reported on this basis.	*4217—98% fine.	Mislabeled.	Con-
*3966—85% fine.		tains added potash salts.		
*4001—85% fine.		*3697—63% fine.		
*4002—82% fine.		*3902—80% fine.		
*4034—82% fine.		*3620—87% fine.		
*4225—82% fine.		*3652—86% fine.		
*4231—80% fine.	Classified in this bulletin as tankage with the corresponding determination of fineness.	*3821—57% fine.		

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	POUNDS PER HUNDRED.											
	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.		
3901	.....	.....	20.80	.....	.....	.....	4.26	.....	4.26	.....	.....	.....
3966	.....	.....	20.95	.....	.....	.....	4.28	.....	4.28	.....	.....	.....
4001	.....	.....	21.30	.....	.....	.....	4.37	.....	4.37	.....	.....	.....
4002	.....	.....	21.60	.....	.....	.....	4.27	.....	4.27	.....	.....	.....
4034	.....	.....	21.65	.....	.....	.....	4.25	.....	4.25	.....	.....	.....
4225	.....	.....	21.20	.....	.....	.....	4.32	.....	4.32	.....	.....	.....
4231	.....	.....	22.00	.....	.....	.....	4.33	.....	4.33	.....	.....	.....
.....	.....	.....	18.25	Bn, T	.....	.....	4.50	Bn, T	4.50	.....	.....	.....
3890	.....	.....	3.40	.....	5.47	1.38	6.95	.....	13.80	.....	1.58	.....
4215	4.69	0.36	5.05	.....	3.27	.....	.....	.....	3.27	3.12	3.12	0.60
.....	4.00	1.00	5.00	Super,	3.00	.....	.....	.....	3.00	3.00	3.00	.....
4214	4.83	2.72	7.55	.....	4.37	.....	.....	.....	4.37	5.06	5.06	0.60
.....	.....	.....	7.00	Super	4.00	.....	.....	.....	4.00	5.00	5.00	.....
4216	9.62	0.08	9.70	.....	4.27	.....	.....	.....	4.27	3.61	3.61	.....
.....	9.00	1.00	10.00	Super	4.50	.....	.....	.....	4.50	1.50	1.50	.....
4218	17.68	0.32	18.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4217	.....	.....	4.70	.....	.....	.....	2.08	.....	2.08	1.18	1.18	.....
.....	.....	.....	5.50	Bn	.....	.....	2.43	Bl, Bn	2.43	1.00	1.00	.....
3697	.....	.....	29.60	.....	.....	.....	2.01	.....	2.01	.....	.....	.....
3902	.....	.....	29.10	.....	.....	.....	2.12	.....	2.12	.....	.....	.....
.....	.....	.....	30.00	.....	.....	.....	1.65	.....	1.65	.....	.....	.....
3822	.....	.....	22.50	.....	.....	.....	0.86	.....	0.86	1.79	1.79	.....
3843	.....	.....	20.90	.....	.....	.....	1.99	.....	1.99	.....	7.85	2.00
.....	.....	.....	19.00	Bn	.....	.....	1.64	Bn	1.64	10.00	10.00	.....
3620	.....	.....	18.80	.....	.....	.....	4.77	.....	4.77	.....	.....	.....
3652	.....	.....	19.00	.....	.....	.....	4.77	.....	4.77	.....	.....	.....
.....	.....	.....	17.50	Bn	.....	.....	5.00	Bl, Bn	5.00	.....	.....	.....
3821	.....	.....	28.30	.....	.....	.....	1.10	.....	1.10	.....	.....	.....
.....	.....	.....	29.00	.....	.....	.....	0.82	.....	0.82	.....	.....	.....

## ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
Swift & Co.—Continued.				
3665*	Tankage .....	Redlands Fertilizer Assn., Redlands.....	43.97	
3927*	Tankage .....	Redlands Fertilizer Assn., Redlands.....	45.86	
	Guaranteed.....		44.84	
3660	3-12-6 .....	Redlands Fertilizer Assn., Redlands.....	32.77	
	Guaranteed.....		32.52	
Union Fertilizer Co., Los Angeles, Cal.				
3640	Fruiting .....	C. H. Tyler, Pomona.....	22.98	
3641	Fruiting .....	C. H. Tyler, Pomona.....	24.47	
3740	Fruiting .....	G. H. Dole, Riverside.....	22.54	
3782	Fruiting .....	C. D. Hubbard, San Fernando.....	25.95	
3816	Fruiting .....	Bloomington Fruit Assn., Bloomington..	25.23	
3907	Fruiting .....	J. F. Jackson, Riverside.....	22.77	
3938	Fruiting .....	E. E. Cole, Redlands.....	26.08	
	Guaranteed.....		23.70	
3655	Nitrate of Soda.....	W. A. Hively, Corona.....	43.06	
3937	Nitrate of Soda.....	E. E. Cole, Redlands.....	43.44	
	Guaranteed.....		42.30	
3643	Nursery .....	C. H. Tyler, Pomona.....	28.84	
3644	Nursery .....	C. H. Tyler, Pomona.....	27.95	
3783	Nursery .....	C. D. Hubbard, San Fernando.....	25.95	
3908	Nursery .....	J. F. Jackson, Riverside.....	29.21	
	Guaranteed.....		29.29	
3642*	Special .....	C. H. Tyler, Pomona.....	.....	
	Guaranteed.....		.....	
3675	Special .....	A. T. Hansen, Pasadena.....	25.28	
	Guaranteed.....		23.87	
3656	Special Fruiting.....	W. A. Hiveley, Corona.....	27.63	
	Guaranteed.....		29.25	
Union Superphosphate Co., San Francisco, Cal.				
3663	Superphosphate .....	Redlands Fertilizer Assn., Redlands.....	16.83	
	Guaranteed.....		16.54	

\*3665—71% fine.

\*3927—80% fine.

\*3642—Misabeled. Statement of derivation false. This material is Bird Guano Phosphate.

## ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

[illegible]

ANALYSES AND VALUATIONS—Continued.

Laboratory Number.	NAME AND ADDRESS OF MANUFACTURER OR DEALER, AND NAME OF BRAND.		FROM WHOM OBTAINED.	Value per Ton at Station Prices.
	Western Meat Co., San Francisco, Cal.			
4114	Gold Bear (B).....	Sebastopol Berry Grs., Sebastopol.....	32.46	
	Guaranteed.....		34.11	
4115	Gold Bear (C).....	Sebastopol Berry Grs. Sebastopol.....	32.69	
	Guaranteed.....		31.09	
3651*	Diamond E.....	Redlands Fertilizer Assn., Redlands.....	34.75	
4163*	Diamond E.....	J. S. Grepe, East Highland.....	33.72	
	Guaranteed.....		36.40	
4165	Diamond H.....	Redlands Fertilizer Assn., Redlands.....	57.81	
	Guaranteed.....		60.18	
4178*	Diamond I.....	Redlands Fertilizer Assn., Redlands.....	34.42	
	Guaranteed.....		34.84	
	Woodbridge Fertilizer Co., Los Angeles, Cal.			
3864*	.....	San Dimas Citrus Nurseries, San Dimas	19.66	
	Guaranteed.....		18.34	
3923*	.....	Factory, San Bernardino.....	20.99	
	Guaranteed.....		19.06	
3924*	.....	Factory, San Bernardino.....	20.11	
	Guaranteed.....		18.86	
4029	Superphosphate .....	T. E. Yerxa Ranch, Highland.....	16.22	
	Guaranteed.....		16.13	
3808	Woodbridge Young Trees.....	C. C. Fisher, Rialto.....	29.70	
	Guaranteed.....		28.58	

\*3651—80% fine.

\*4163—82% fine.

\*4178—75% fine.

\*3864—No brand name as required by Fertilizer Act.

\*3923—No brand name as required by Fertilizer Act.

\*3924—No brand name as required by Fertilizer Act.

ANALYSES AND VALUATIONS—Continued.

POUNDS PER HUNDRED.

Laboratory Number.	PHOSPHORIC ACID				NITROGEN					POTASH		CHLORIN
	Available.	Insoluble.	Total.	Guaranteed as derived from.	In Nitrates.	In Ammonia Salts.	Organic.	Organic Nitrogen guaranteed as derived from.	Total.	From Sulfate.	Total.	
4114	10.10	2.40	12.50	.....	.....	.....	2.30	.....	2.30	8.31	<b>8.31</b>	1.10
.....	9.00	2.50	11.50	<i>Super, Bn</i>	.....	.....	2.46	<i>Bl, Bn</i>	2.46	10.00	10.00	.....
4115	7.51	2.34	9.85	.....	.....	.....	3.37	.....	3.37	6.55	6.55	1.30
.....	7.00	2.25	9.25	<i>Super, Bn</i>	.....	.....	3.29	<i>Bl, Bn</i>	3.29	6.00	6.00	.....
3651	.....	.....	<b>16.15</b>	.....	.....	.....	4.93	.....	4.93	.....	.....	.....
4163	.....	.....	19.30	.....	.....	.....	4.18	.....	<b>4.18</b>	.....	.....	.....
.....	.....	.....	18.32	<i>Bn</i>	.....	.....	4.93	<i>Bl, Bn</i>	4.93	.....	.....	.....
4165	.....	.....	.....	.....	.....	.....	12.25	.....	<b>12.25</b>	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	12.75	<i>Blood</i>	12.75	.....	.....	.....
4178	.....	.....	14.40	.....	.....	.....	5.15	.....	5.15	.....	.....	.....
.....	.....	.....	13.75	<i>Bn</i>	.....	.....	5.35	<i>Bl, Bn</i>	5.35	.....	.....	.....
3864	7.01	1.14	8.15	.....	2.12	.....	.....	.....	2.12	4.86	4.86	0.80
.....	.....	.....	7.00	<i>Super, Bn</i>	2.00	.....	.....	.....	2.00	5.00	5.00	.....
3923	6.69	0.66	7.35	.....	2.25	.....	.....	.....	2.25	6.80	6.80	0.90
.....	.....	.....	7.00	<i>Super, Bn</i>	2.00	.....	.....	.....	2.00	6.00	6.00	.....
3924	7.96	0.64	8.60	.....	2.00	.....	.....	.....	2.00	5.61	5.61	0.65
.....	.....	.....	8.00	<i>Super, Bn</i>	2.00	.....	.....	.....	2.00	5.00	5.00	.....
4029	17.26	0.24	17.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	17.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3808	11.90	0.50	12.40	.....	.....	.....	.....	.....	.....	16.25	16.25	0.90
.....	.....	.....	11.00	<i>Super, Bn</i>	.....	.....	.....	.....	.....	16.00	16.00	.....

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